

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Chris Cartwright <ccart@vidtel.com>
Subject: [11536] !!! DANGER !!! QRPp (long)
Message-ID: <Pine.LNX.3.93.970210103038.578C-100000@dns.vidtel.com>

Perhaps the G-landers will excuse my thinly veiled play on words from an old TV show of theirs. This could get a little long, but the short of it is, these qrp rigs need a warning label! Something like this:

"Caution: Do not drive or operate heavy machinery while using this product. Continued use may become addictive and habit forming. Extended use may cause drowsiness. Side effects include loss of sleep, inability to effectively track time, morse-tinnitus (hearing CW that isn't there), and muscle twitching in a long-short long-short long-long-short-long pattern. Do not use this product for more than 24 hours in any one-day period. If symptoms persist please seek prompt professional attention from your family Elmer."

The reason I bring this up is that I've been playing/practicing with the OHR II to get ready for FYBO, I've cranked it down to 950mW and had a ball the last few weekends. This weekend I had a four hour drive so I figured I'd toss the radio in the Suburban and get in a little code copy practice. So I strapped the OHR to the center console and tied it to a 40 ProAm Hamstick on the bumper. Not having a keyer, I put the straight key on top and was on my way. Figured if I had a few free minutes I could play radio for a little while. Did I mention that I've never had a QS0 with a straight key, ever? After all the threads about hamsticks I figured the best thing I could say about this set-up is that it was compromised. Anyhow, about half way through the trip i had to "urgently" stop at the rest area, for ummm... a "rest". Just before that someone from W8-land was calling CQ over and over, slow enough that I thought I had a chance of copying him. Knowing I was only minutes away from stopping, I returned his call with a 1 x 1, knowing he'd never hear less than a watt at that distance, but at least I could say I was "on the air". By now you all know what's coming, he came right back to me. At this point I'm trying to turn around in the snow, get to the rest area, and "rest", while driving and trying to send with a key I've never used before. All I really heard and understood was the 559 RST but I sent back "UR RST 579, 579, I AM MOBILE AT 1 WATT, GOTTA GO, (literally and figuratively) DE N3XRV. Of course when I came back from "resting" he was long gone. I feel I was kind of rude not taking time for a "proper" QS0. Have to attempt to explain via the QSL card. Add to this that the YL and two of the harmonics were in the truck getting hysterical that I was postponing "resting" to blast out a quick reply. Any pointers from the OT's (or anyone else for that matter) on how to handle it when you "gotta go"?

My advice get on the air, but be ready for someone to actually hear that little pebble crusher, and make time for the QS0. :)

72

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-- Christopher Cartwright, Tech. Engineer    |          ccart@vidtel.com
-- Phone 301.990.0735  N3XRV  QRP-L #655    |          ccart@erols.com
--                                           |  http://dns.vidtel.com/~ccart
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From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: tmh@world.std.com
Subject: [11544] "Power Station" current capacity
Message-ID: <Pine.SGI.3.93.970210121251.24039B-100000@world.std.com>

Greetings from a list-lurker!

This is a basic question about batteries. I have a "Power Station:" a sealed lead-acid battery with a voltmeter and cigarette plug, 6.5Ah. They're advertised in most of the ham magazines. The cigarette plug has a 10A fuse. But they also have "direct" unfused terminals for connecting to the battery.

I've also just built a QRO amp for my Cascade (no flames please: I've never even made a QRO contact in my life...). The amp is 140 watts and needs 22-25 amps. But I can adjust the Cascade's input to the amp to reduce this power and current.

QUESTION: Assuming I DON'T drive the amp at full power, is it OK to use the power station? I'm thinking its 6.5Ah, so it could provide 15A for 20-30 minutes of blabbing a day. I'm concerned about damaging the battery and any safety issues. It's a sealed battery, so there aren't any gases or anything, correct?

The Power Station instructions say its: 12V, 8A, 100W and say the direct connections, which I'd use, can provide 100A for 1-2 minutes (they say you can use it to start a car with a dead battery). I'd use an inline 20A fuse.

If this is expecting too much from this battery, can someone point me towards a (cheap) alternative? Aren't there "deep cycle" batteries?

TNX
Tim N1PAZ
tmh@world.std.com

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: kd7s@psnw.com (Bill Jones)
Subject: [11503] 30 Meter DX
Message-ID: <199702100403.UAA02565@sierra.psnw.com>

Friends,

30 Meters was hot this weekend. Worked HP1XBI, C06AZ, ZL2UW and PY7ZZ with my 5-watt 38 Special. Also worked numerous folks around the U.S. Try as I may, I couldn't crack the QRO pile-up surrounding ZY0SG however. Next weekend for sure.

=====
Bill Jones - KD7S <><
Sanger, California
Reply to kd7s@psnw.com
=====

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [11495] 30 meters open now
Message-ID: <199702100316.WAA53815@nss2.CC.Lehigh.EDU>

Gang,

I am hearing AA3JQ calling CQ on 30 meters now, 03:14:33 UTC. He is about S-3 at the moment, don't know his QTH , I now mine though :-). He's a three and I'm a seven , so..... ??? I'd give him a call but am busy building my 38 Special, which arrived Friday , just in time for the weekend !

73,
Steve
KA7NOC
di dit

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Mike P <73571.3404@CompuServe.COM>
Subject: [11523] 38 spec and Norcal 40a
Message-ID: <970210132312_73571.3404_FHD43-1@CompuServe.COM>

Well I am sending in for the 38s rig. The only question I have is there any chance they update the board with some mods. Also, is there a way to get some of the mods for the norcal 40 a. Mike N00DK

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Claton Cadmus" <aplitech@Spacestar.Net>
Subject: [11571] 38S Crystal Filter Enhancement
Message-ID: <199702102036.0AA17779@Spacestar.Net>

OK this is probably one of those stupid questions, but I have read about improving the crystal filter with an additional crystal or a trim cap. Where can I find out details on doing this? It doesn't seem to be in the manual, QRPp or QRP Quarterly. Then again I might be blind!

73 de KA0GKC Claton Cadmus
E-mail cla@spacestar.net
TCP/IP ka0gkc@ka0gkc.ampr.org
Ask me about the Minnesota QRP Society!
<http://www.spacestar.net/users/aplitech/mnqrp/>

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: AlK0FRP@aol.com
Subject: [11587] 38s IF Mod and stuff
Message-ID: <970210173938_1347481877@emout11.mail.aol.com>

Gang

Haven't seen on the thread and there is no info with the manual with the 38S about the IF mod. I assume another crystal is added to the IF X401 and another unused spot is T401, inductor ??? Built the board have the rest of the parts for chassis mounting but have not found a suitable box. Got all the parts together prior to receiving the 38s except the BOX.

Also I think there is a problem with counting turns when winding the toroids. I've seen many messages saying they have taken one turn off the coil. I'm not saying this can't be, but you could be counting the turns wrong from the get go.

If you take a pencil (horizontal) and with a piece of wire with one end hanging down wrap three turns with the last turn of wire end hanging down as the first. There will be three wire turns on the top and only 2 turns at the bottom of the pencil. The top turns represent the turns of a toroid in the middle of the donut and the bottom as the outside turns. Therefore the moral

of the story is COUNT THE MIDDLE TURNS, not the outside turns. If you count the outside you will have one turn too many. When a wire passes thru the toroid, it's a turn.

Well I haven't smoke tested the 38s yet but there is a full wave loop at 60 ft waiting for 38s rf and a rotating dipole waiting to be placed at the 77 ft level between my 40 and 20 meter mono's .

73/72

Al K0FRP QRP-L #366 , CQC#32 ARCI #8601

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: WA8GHZ /5 Jack Dougherty /Houston <jdougher@wt.net>
Subject: [11527] 38s:Help wid Chirp pse
Message-ID: <32FF49BA.5C28@wt.net>

Help - I'm outta ideas..... I tried but can't fix a very bad chirp/whoop as heard on my QRO rig when listening to the 38s. Chirp/whoop is worse at low end. I tried all the fix postings that I could find:

1. added 100pf cap 'under board' & across C26 to get 320pf as suggested
2. removed RIT pot/switch and jumpered the RIT board points (diodes and resistors are still on the board)
3. 6.8uH choke is in (tunes 10.107 - 10.124) {SWR < 1.2:1 thru tuner}
4. 330mf cap added at C501/C505
5. I have a 20 meg small pot at low end of tuning pot (which shouldn't have any effect here, it's a 'leftover' from previous experiment with 10uH choke, but thought I'd add all mods I've done just in case)

The little guy has GREAT ears, but need to get the whoop cured b4 putting it on air. TU for ideas/help.....

--

WA8GHZ /5 / === === o === o === o o === === o
Jack /Houston / === === (that's QRP mobile in a 5,000 pound
'79 cadillac counterpoise)

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: tayloe_d@juno.com (Daniel R Tayloe)
Subject: [11511] 40m 38 Special Project
Message-ID: <19970209.224834.7719.0.tayloe_d@juno.com>

I just started working on my 38 special today. After reviewing the

schematics, it appears that it will be fairly straight forward to modify it for 40m operation.

Since it uses a 12 MHz IF, the standard 22.120 MHz VXO on the receiver first mixer yields 22.120 -12 or 10.12 MHz.

For a 40m version, I will be using an external 4.85 to 5 MHz VFO to produce 7.0 to 7.150 MHz.

In the initial tests, I am simply substituting a 5MHz crystal for the normal 22.120, just so that I can check out the board functionality at 7.0 MHz before I add the outboard VFO.

There are only three tuned circuits: The transmit filter, receiver preselector, and the transmit mixer post filter. All of these are easily frequency scaled to work at 7 MHz.

Right now, I am building using the schematic and the board silkscreen (Great job, guys!) and am just about finished with the receiver section.

I will let you know how its progresses. My goal is to get it finished in time for FYB0!

- Dan Tayloe, KK7BD, Phoenix, Az; QRPL # 696; Az ScQRPions

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: W0rw@kktv.com
Subject: [11585] Americian Morse .. . --.
Message-ID: <199702102222.RAA47270@nss2.CC.Lehigh.EDU>

Does anyone know of an American Morse Net (or gathering thereof) where guys are using the real code? de W0rw .. . --.

Paul R. Signorelli V
P.O. Box 6069, Colorado Springs, CO 80934
W0rw@kktv.com
<>< Wise Men Still Seek HIM <><

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Mike Robinson <miker@cc.com>
Subject: [11560] Are you looking?
Message-ID: <9702101930.AA17644@voder.nsc.com>

The company I work for just announced a hiring incentive program.

If we hire you, I get a finders fee.

In the field of micro-electronics,
are you a talented:

Application Engineer
Design Engineer
Equipment Engineer
Process Engineer
Product Engineer
Software Engineer
Test Engineer

?

Where would you like to live?

California
Maine
Texas

Send your resume to me.

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=====
7.3 de Michael N7MR          miker@cc.com          michael@frii.com
      http://www.frii.com/~michael
      QRP-L #126      Norcal #857      CQC #180
=====
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From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "John P. Spoonhower" <spoon@kodak.com>
Subject: [11581] argosy 525 mods advice
Message-ID: <32FF94FC.1427@kodak.com>

Everyone,

I am making some mods to my analog argosy and I want to sample the wisdom of the group on one of these proposed modifications. In Cornell Dentea's original "Ham Radio" article (11/86) he recommended replacing D12-D15, the mixer diode set on the rf/mixer board with HP Schottky barrier diodes (hp 5082-2800). This was supposed to improve rcvr dynamic range. Tec-tec service folks tell me the original part for this application was a (selected) 1N4148.

Cornell also recommended replacing D10 & D11 (again 1N4148) with HP PIN diodes (hp 5082-3081); these are used as switching diodes in the circuit. In my on-air and thru-the-mail correspondence with NILS (yes, he's an argosy owner too!) he mentioned using hot carrier diodes instead of the PIN diodes mentioned above. So here's my questions....I cannot find a supplier for the hp parts mentioned above...can any of you mention a supplier for me? Should I get these parts anyway?? Can anyone recommend different (better) diodes for this application?

thanks in advance, 72, john, kc2du

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [11589] audio xfmr Hallicrafters s38a and 38s report.
Message-ID: <2FF5C340.1299@mailgw.sanders.lockheed.com>

Howdy QRPers

I have a Hallicrafters S38a that has a blown primary in the audio transformer. its a 3000 to 3/15 ohm tapped xfmr. does anyone know where to find a replacement or info on how to rewind one?

I just got a38s running and had 1st qso with it but lots of qrm. I got 569 with 5 watts and indoor antenna from NH to IL. Now i would like to get working on my s38a.

Thanks for any help
please reply to wb1edi@scoot.netis.com
thanks barry
wb1edi

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [11562] auto tuner
Message-ID: <01IF93Y1VRSY8WWE0@tntech.edu>

howdi!!

well thought I sent this last night.. didn't see it posted.

Wanted to thank Scott for the group deal on the auto tuners. I had been wanted one for quite some time, but never would have gotten around to ordering one. Think my check was in only a week or so after the deadline. I remember doing a group deal once.. can't believe how much work it took, so really appreciate the hard work Scott put into making it happen. People on this list continue to be quite exceptional.

I got to sit down and wind all those coils for the kit. after years of winding tiny coils, those big suckers were quite easy. Maybe its just my old eyes and fat hands :-). Directions for winding the coils were excellent.

Now I am going to make some comments, NOT criticizms. I started to stuff the board. I found it extremely hard to read the silk screening on the board. I even used a magnifying glass and my eyeglasses. It may just be I got a board that happen to be like that and the only one.. this happens with anything in the world they make.

I especially had trouble with R8. It was very unclear where to place it.. once I placed it, was even more unclear where the capacitor to the left of it goes.. a number of holes real close together and it didn't appear that the markings for the part matched where the holes go.. not sure this makes a difference.. later on, after tracing the paths.. seems the ones I was confused about are connected anyway.. hopefully I got it right :-)

A not of precaution. I found it could be real easy to accidentally solder in a hole next to the one you mean to. I was following directions and putting in the resistors first. with the two lines of resistors (think they are under where the relays go) if you put a little too much solder.. you can easily fill the adjoining hole. You DON'T want to do this.. this board was not designed to make mistakes on.

The bottom line is I am actually quite excited to be buiding this. I have always wanted to have an auto tuner. The one on my Kenwood 930 is broken, it would probably cost me more to get it fixed than to build this kit. With the kit, I get reasonably priced therapy and it will be able to be used with all my rigs, rather than just one. Way Cool!!!

like to thank the fokes who put the kit together. The parts are really nice and packed seperately. Althought the number of parts may be 200 or so, there are really a lot of each value of resistor and cap, etc. This made it real easy to sepearte out the parts, and easier to stuff the board.

I had posted about the parts needed for the recommended mod. I was very pleased to see a personal email reply to me. I was told they didn't want to post directly to the list so as to separate out advertising on the list. Personally I think it would be very good to post to the list so everyone would know the info. I for one just appreciate being able to get the info in such a timely manner.

have a great day.

72

Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Floyd Soo, W8RO" <hires@rust.net>
Subject: [11531] C-Connectors
Message-ID: <32FF5FCE.147A@rust.net>

I am looking for panel mount female C connectors and in line male C connectors for RG-8. I understand that there are some surplus out there!

I want to thank Jerry, KR5L, for sending me a "C" panel connector that he took off a surplus dummy load! That was very gracious of him!

Thanks in advance!

--

Floyd Soo, W8RO
President, HI-RES Communications, Inc.
Net Manager and Board Member, Collins Collectors Association
QRP-L #392
hires@rust.net
<http://www.rust.net/~hires>

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Mark Arvidson <arvidson@swbell.net>
Subject: [11540] Calculating RF Coils
Message-ID: <32FF56A2.2784@swbell.net>

G'day, all!

On the SM0VPO site of really cool stuff (maintained by G3YCC), there is a page detailing how to roughly calculate coils for RF projects.

<<http://www.gqrpclub.demon.co.uk/rfcoils.htm>>

The formula given for single layer coils is:

$$N \times N = \frac{L (9r+10w)}{r \times r}$$

where L = inductance in micro-henries
 w = length of windings in inches
 N = number of turns
 r = outside radius (not diameter) of the coil in inches

So, if the outside radius is less than 1, the top of the function is multiplied. Does this function work for coils less than 2" in diameter?

In a similar question, I have a pile of regular #2 lead wooden pencils around the house. Can I use them as coil formers, or would the lead have some effect on the L and Q? I could use a Bic pen shell, but I don't have as many of those...

Always looking for junk box inducties...

Mark Arvidson

KB0SPQ

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>

Subject: [11528] Delta loop formula

Message-ID: <32FF1F47.15BF@uts.cc.utexas.edu>

Hey Gang,

Ditto, ditto on the ARRL formula cutting the antenna too short and having it resonate too high. I put a description of my delta a loop and a plot of the SWR versus frequency on a graph in my web page.

Check out <http://uts.cc.utexas.edu/~hansong/>

I cut the formula for 7.040 and my lowest SWR is up in the phone band around 7.220. It took me five very hot days in August to string it up among the trees over a very rocky ravine and I'm not about to get out there and change it.

What I did was to change the feedline from 75 ohm coax transformer/50 ohm coax feed line to 450 ohm ladder line and a tuner. Works great!

72,73

Gary, KJ5VW

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [11489] DX
Message-ID: <Pine.SUN.3.91.970209192816.25782B-100000@kitsune.swcp.com>

I heard a TI20I? on 70.0405 at 1900mst. Also worked a HK on 10.116 Sat morning at about 0900mst. Tom WB5QYT

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [11505] Experience w/MFJ-411 Code Tutor?
Message-ID: <Pine.3.89.9702092342.D27690-0100000@w3eax.umd.edu>

Anyone have one to sell? My wife has expressed interest in learning the fine language of Morse, and would like a pocket trainer.

Anyone played with the MFJ-411? Have one to sell?

Thanks!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11577] FAR Circuits oops.
Message-ID: <199702102110.VAA15330@chuck.dallas.sgi.com>

Oooops. Should have clicked on the order form.
\$1.50 per 4 boards for postage.

But you were going to order more than one board anyway. There are some projects there just waiting

to built. Collect 'em all.....

SIG

Chuck Adams K5F0/6 adams@sgi.com DXCC=4
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Ken Lopez <kjlopez@earthlink.net>
Subject: [11498] For Sale
Message-ID: <32FE9CB3.3C2@earthlink.net>

A few items that are not needed:

TimeWave DSP 9+

DSP audio filter, like new, box and manual \$90.00

Benchner Chrome paddles, with box, like new \$55.00

Azden AZ-61 6meter 5watt handitalkie, like new \$265.00

Ten Tec Tuner, Matches Century 21? SWR& PWR Meter, balun, \$50.00

Dentron "Jr Monitor" compact Tuner, with balun, RF out meter \$40.00

As I dig up more "Stuff", I will post it. Hope someone can get some use out of this stuff.

73, Ken, N6TZV

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Gary M. - W2UX" <MAIL4GARY@worldnet.att.net>
Subject: [11513] For Sale: OHR 40M QRP Sprint
Message-ID: <19970209004446.AAA7900@LOCALNAME>

I have for sale an Oak Hills Research QRP Sprint for 40 meters. Perfect condition. Just finished the kit. The kit was manufactured back around 1994/95. Got the kit from a guy who did not want to put it together. It went together like a breeze. OHR makes a nice product. It is aligned using a freq counter and works perfect.

*1.5 watts output.

*Direct conversion receiver

*RIT

*Very stable VFO

*Set up to cover 7.000 to 7.100 MHz
*No speaker - uses headphones
*Has sidetone and very smooth QSK
*40 ma on RX and 240 ma on TX

I have a TenTec TKIt 1340 and just don't need it. I got it cuz I just like to put together kits.

It is yours for \$80.00 Shipped in the Continental US.

73 from Gary - W2UX QRP-L #593
CW is the REAL THING! QRP ARCI #8911
(EX: WA2UAX) Lexington, SC

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Brad Mugleston <bmug@gw1.com>
Subject: [11582] FOX - Novice/Tech+
Message-ID: <01BC1755.4DA43F40@pps-pc10.gw1.com>

It seems like its been a long long time but its my turn to be the FOX again. My code speed has dropped way off (I've been di-dahing all the signs and plates on the way to work but not much real practice) so be kind.

I will be there on LOCAL - Wednesday night from 7:30pm MST to 9:30pm February 12, 1997 - this is Thursday Morning February 13, 1997 GMT from 2:30 to 4:30Z.

Freq - 7.112 to start. I will move DOWN if no takers. I've had a lot of requests for 7.108 but this is usually full of computer stuff around here.

If you don't hear me at 7.112 look at 7.108. I will be using my TS-830S at 4.5 Watts. I am going to try my vertical for a change if it doesn't work I'll go back to my G5RV.

I NEED THE SOUTH EASTERN UNITED STATES PLEASE!!!!

Thanks

de KB0ROL, Brad

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Larry East <w1hue@amsat.org>
Subject: [11586] Fox Early Warning

Message-ID: <2.2.16.19970210224032.14875f84@eloi>

My turn as Fox comes again Wednesday evening (USA time). No one had any suggestions as to the best operating frequency, so look for me around 7.043. Also, no one objected to me moving the time slot up 1/2 hour, so I will be on between 0130 - 0330 UTC February 14.

72, Larry W1HUE/7
QTH: Idaho Falls, ID

PS -- If you need Idaho for WAS or anything, here's your chance!

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [11584] FOX TO-NITE! Was: FOXHUNT Prizes - Update
Message-ID: <Pine.OSF.3.95.970210171858.27866A-100000@saturn.acs.oakland.edu>

Remember to look for W8KC/FOX Monday evening (U.S.) 0200z~0400z

I'll be calling as close as possible to 7.035 but I have every right to drift as high as 7.045!!!

I currently have the LOW Fox QSO count, which means I really ought to win SOMETHING (hint Chuck). I hope the bands are better than last time.

FREE! Color QSL card for every SASE. No limericks.

73 =paul= W8KC/FOX

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11578] FOXHUNT Prizes - Update
Message-ID: <199702102119.VAA15361@chuck.dallas.sgi.com>

Gang,

Here is the latest list. Last call for contributions.

-----cut here-----

FOXHUNT 1997 prize list

OHR Explorer I Kit unbuilt	Chuck K5FO
Small Wonders Lab GM-XX Kit unbuilt	Chuck K5FO
TenTec 1340 unbuilt	anonymous
NQ7X iambic paddles	Floyd NQ7X
Rainbow Tuner Kit	James KA5DVS/2
38-Special kit (Novice Category)	Chuck K5FO or Doug KI6DS (CA vs. TX)
38-Special kit (Novice Category)	Chuck K5FO or Doug KI6DS (CA vs. TX)
1 yr Renewal/New NE-QRP membership	Rick WZ2T
Atomic Keyer Kit	Gary N2JGU and Brad WB8YGG
TiCK Keyer Kit	Gary N2JGU and Brad WB8YGG
TiCK Keyer Kit	Gary N2JGU and Brad WB8YGG
1 yr Renewal/New QRP ARCI membership	Mike WB4ZKA/7
NorCal 40-9er kit	Bob KI7MN
NorCal 40-9er kit	Rick WZ2T (xtal from K5FO two choices)
CODEMASTER V (lowest Novice score)	Marshall AA0XI
WB9KZY 'Island' keyer	Marshall AA0XI

The following for High-Single-Night-Novice QSO Count:

1 yr Renewal/New MI-QRP membership Paul Valko W8KC

SIG

Chuck Adams K5FO/6 adams@sgi.com DXCC=4

http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: "James S. Braun" <jsbraun@frontiernet.net>

Subject: [11546] FS: A&A Engineering 40m Qrp Transceiver

Message-ID: <32FF803E.2E51@frontiernet.net>

I have for sale my A&A Engineering 40m Qrp Transceiver.

This is the Gary Breed (k9ay) design: features single-signal receiver, VFO tuning, AGC, output 5watts, and also has KC-1 installed.

In excellent condition w/ all documentation. I have made many contacts with this rig, and only reason for selling is I need something else to build. I would like to purchase a Sierra as my next project.

I am asking \$150 / or trade towards unbulit Sierra.

I can be reached at (716)367-9826 or e-mail: jsbraun@frontiernet.net

Thanks / 72's

Scott

KB2GWF

Qrp-L #286

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: K4NK@aol.com
Subject: [11480] FSFD SC
Message-ID: <970209195424_444420309@emout18.mail.aol.com>

K4NK is moving to 3.556 for the rest of evening. It has been a great day for QRP and thanks to all. I will issue a report of who is in the log by tommorrow.

72 Les Shattuck K4NK
112 park circle
Greenville, S.C. 29605 I will QSL all
request.

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Jim Hydzyk <congress@magpage.com>
Subject: [11515] FSFD (50 States) Update for Feb. 10
Message-ID: <199702101148.GAA06193@alaska.magpage.com>

Check out Tuesday

Hello ALL, (QRP activity info at <http://www.dancris.com/~ki7mn>)

Please read NOTE 1 at bottom of page.

The 50 States In 50 Days (FSFD) activity started Jan 01 and runs through Feb. 18. Below is a the schedule of the remaining States. We will attempt to provide digested schedules of states/times/bands/freqs to help reduce message traffic to the reflector. Typically, only 1 message per day.

ALL TIMES UTC

Feb. 10 Monday SOUTH DAKOTA NR5A, Jerry 2100 UTC 10.118
2200 UTC 14.062
0200 TUE-UTC 7.042

Feb. 11 Tuesday, A diagonal criss-cross of the continent.

IN THE NORTHEAST, VE3JC, John 0000-0030 WED-UTC 7.042
0030-0100 WED-UTC 3.556
0200-0300 WED-UTC 7.042
0300-0330 WED-UTC 3.556
0330-0400 WED-UTC 1.812
0400-0430 WED-UTC 7.042

IN THE SOUTHWEST, K5F0, Chuck, w/that new Ten-Tec 1340
0200-0530 WED-UTC 7.035

After 0430z if 40 dead 3.560
 Chuck running 2 watts on 40M and OHR scaf filter
 and 0.95 watts on 80M.

-----These logs should be interesting :) Who gets more CA hits?

and Early Texas shot	W5HNS, Henry	0200-0400	WED-UTC	7.038
		0400-0500	WED-UTC	3.557

Feb. 12 Wednesday	TEXAS	NR3E, Dave	2205-2305	UTC	10.118
			2305-0105	UTC	14.045
			0105-0305	THR-UTC	7.045
		Novice	0305-0405	THR-UTC	7.120
			0405-0505	THR-UTC	3.540
		Novice	0505-0605	THR-UTC	3.705
			0605-0800	THR-UTC	7.045
		W5TFB, Jack	2000-2100	UTC	14.055+
			2200-2300	UTC	10.120-
			0000-0100	THR-UTC	7.037+
			0100-0230	THR-UTC	3.565-
		K5W0, Bob	0000-0100	THR-UTC	1.805
			0100-0200	THR-UTC	3.555
			0200-0300	THR-UTC	1.805
			0300-0400	THR-UTC	3.555
		W5HNS, Henry	1400-1500	UTC	7.035
			1500-1600	UTC	10.116
			1600-1700	UTC	14.060
			1900-2000	UTC	21.060
			2000-2100	UTC	14.060
			2200-2300	UTC	7.035
			2300-2400	UTC	10.116
			0000-0100	THR-UTC	3.557
			0100-0400	THR-UTC	7.035

Feb. 13 Thursday	UTAH	UTAH	AB7ST, Bob	1600-1700	UTC	10.118
				1800-1815+	UTC	21.060
			+ indicated will go longer if busy	2200-2300	UTC	14.055
				2300-2400	UTC	10.118
				0100-0200+	FRI-UTC	7.038

Feb. 14 Friday	VERMONT	W1EAT, Tom		TBA
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Feb. 15 Saturday	WYOMING	N7MR, Mike		TBA
		KB0WSU, Raul		TBA

	VIRGINIA	N7RI, Ralph		TBA
Feb. 16 Sunday	WASHINGTON	N7MFB, Bill	1600-1800	UTC 7.037
			2100-2200	UTC 14.058
		RTTY RTTY-->	2200-2300	UTC 14.086
	SSB-QRP-->	N7TCZ, Jim	1800-2000	UTC 28.385
		KJ7NS, Phil	0200-0400	MON-UTC 7.042
		K7MP, John	TBA	TBA TBA
Feb. 17 Monday	Washington D.C.	N3FRT, Bob	TBA	TBA
		WE5X/3, Steve	TBA	TBA TBA

Feb. 18 Tue. CANADA So far: VE5RC, VE7CQK. NEED MORE CANADIAN STATIONS!
Feb. 22-23 FYBO and FSFD Blow Out So far: AL7FS, KJ7UN, NR3Z, N7CQR, WB0QQT.
Like to get some 20M-30M action in the afternoon!!!

The FSFD Blow Out Weekend is in the planning stages to work with and in FYBO.
More info to follow. Looking for North Dakota this weekend.

NOTE 1. Most sign-ups came with a note saying they would go longer if busy.
Frequencies are +/- QRM & typ. may reach as far as 3-4 KHz from posted freq.
If am major QRP frequency is listed, like 7.040, it means close by if possible.
We will attempt to avoid being right on 7.040, 14.060, 10.116, etc.

CALLING CQ: A suggestion. If we call CQ WAS or WAS QRP de K6.... etc,
we give those not on QRP-L an indication of what we're doing. FSFD type
calling might be too cryptic for all but ourselves. However 'FS' is fine
when busy. Exchange RST, State/Province/Country, and Name. Power level is
nice to know.

If you want to sign-up for an upcoming State, e-mail band/freq/time directly to:
congress@magpage.com
Thanks for all the responses/encouragement and suggestions. Lets have a blast!

Remember, Jim K1MG starts up 50/40 activity next month. Watch for messages.

Jim K3QIO Wilmington, Delaware

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: talljazz@teleport.com (Dan Presley)

Subject: [11552] FSFD Oregon 2/06 corrections
Message-ID: <v01530515af251911b52e@[206.163.125.132]>

Some corrections for my log on 2/06 for FSFD Oregon:

WA1QVM 23:12 229/229 Joel MA
W7GVN 02:25 (2/07) 449/449 Rod Az 2W
W2DP 02:17 (2/07) 449/449 Bill NJ 5W

Thanks again, & QSLs out this week .
Dan N7CQR

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: kt3a@juno.com
Subject: [11493] FSFD: Log from Pennsylvania
Message-ID: <19970209.214500.5415.0.kt3a@juno.com>

FSFD was fun and I learned a lot too.
Thanks for those who were patient and looked hard for my signal, especially on 40m after 0100. I was dodging digi signals and was all over the band. I wasted a lot of time doing 40 meters at that time frame.
I operated about 7.5 hours on 4 bands.
I made 35 contacts in 18 states and one VE.
Most were QRP and one station went down to 5 watts since we were both 599. Amazing, his sig went down only one S unit. He was surprised.

Summary:

20m - 7 Qs, 4 states in 1.5 hours.
30m - 10 Qs, 8 states in 2 hours.
40m - 11 Qs, 7 states in 3.5 hours.
80m - 8 Qs, 6 states in 30 minutes!

Rig: Icom 726 at 5 watts.
Antennas: 20m dipole at 20 feet. 40m attic loop for 30m and 40m. Random wire 120 feet for 80m with tuner.
The outdoor antennas were done field day style with magnet wire 23AWG. These were stealth antennas. :-)

Here's the log from one of the Keystone Keyers,

Friday, 7 February 1997 UTC

TIME	BAND	CALL	RST	RST(R)	ST	NAME	PWR
1339	40	N4BP	579	559	FL	BOB	5

1340	40	K4WZ	579 599	GA	RON	5
1349	40	K5ID	559 559	AR	KEN	5
1355	40	K2CQV	599 599	NC	DAVE	QRO
1420	40	AA8EB	449 559	OH	MIKE	5
1422	40	W1QMT	589 599	MA	JIM	5
1453	40	KA5T	339 449	TX	LARRY	5
1704	30	K5ID	499 549	TX	KEN	5
1707	30	W9KI	549 449	AR	HOWARD	5
1718	30	N4BP	339 559	FL	BOB	5
1725	30	KB1ALE	559 599	ME	MOE	QRO
1747	30	W7?				
1751	30	WB8OZX	599 599	MI	MAC	QRO
1756	30	K4WZ	559 579	GA	RON	5
1806	20	N4BP	599 589	FL	BOB	5
1811	20	K4GXY	339 559	FL	JOHN	QRO
1815	20	KK5RO	339 559	OK	RON	1
1821	20	N7???				
1834	20	KV7X	439 559	WA	JAY	5
1844	20	W6EMD	329 339	CA	DAVE?	5
1903	40	N1YLA	579 579	VT	BOB	QRO
1921	20	KG2G	579 549	FL	BERT	QRO
1930	20	AA2WJ	339 339	TX	DICK	5

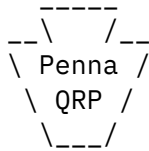
Saturday, 8 February 1997 UTC

0010	30	W7KXB	339 449	AZ	BILL	
0017	30	AC5AM	449 559	LA	BOB	1
0025	30	N5EM	339 569	TX	ED	1
0034	30	AB7TT	339 339	AZ	JOE	5
0107	40	KK7BD	Lost in QRM :- (			
0123	40	W7KXB	339 349	AZ	BILL	5
0133	40	W5FYZ	579 579	LA	ERNIE	QRO
0226	40	W40GZ	579 539	FL	LARRY	QRO
0303	80	W4DON	579 559	NC	DON	5
0310	80	VE3JC	579 579	ON	JOHN	5
0315	80	W2DP	559 579	NJ	BILL	5
0317	80	WA1QVM	559 559	MA	JOEL	4
0321	80	K3QIO	559 559	DE	JIM	5
0328	80	K2JT	539 539	NJ	JOE	5
0330	80	WA8LCZ	559 539	MI	BYRON	5
0336	80	W16I/6	339 539	IL	RICK	5

Station most worked was N4BP on 40/30/20m.
Would chew the rag with some stations, but
tried to keep it short.

Thanks again to all and thank you Jim for
the opportunity. If you were one of the ?
stations, let me know who you were.

72, de Cameron, kt3a



QRP Society of Central
Pennsylvania

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: ka7you@juno.com
Subject: [11573] FYBO
Message-ID: <19970210.125010.6943.2.KA7YOU@juno.com>

It is too bad the organisers didn't consider the southern tier of states a little more, when designing the temp multiplier. Any temp above about 40 degrees F should have to reduce their score (mult by 0.9, 0.8 etc)... "down" into the fifties...give us a break! :>)

Here in the Seattle area, it is in the fifties, and the flowers are rejoicing, the birds are chirping, and the lawns are beginning to grow again-ugh.

It is time to get out the shorts. That usually brings along another short stretch of winter. (Gotta get that temp down!) It seems much more reliable than looking for an elusive shaddow reportedly cast by some nocturnal herbivore rodent, who would just as soon remain hibernating.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Joe Gervais <vole@primenet.com>
Subject: [11542] FYBO: Thermometers
Message-ID: <199702101722.KAA26408@usr07.primenet.com>

Howdy Folks,

OK, you can't FYBO properly without a thermometer sitting next to your keyer. Everybody have one? If not, I just noticed that Radio Shack has their large-display LCD digital thermometers on sale for \$9.99. Not too bad.

No financial interest in Rat Shack, I just usually end up spending money there. :-)

Practice sending CW in yer mittens - it's almost FYBO time!

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Randy Foltz <rfoltz@wsunix.wsu.edu>

Subject: [11588] Gloves and keyer

Message-ID: <Pine.OSF.3.95.970210144325.8785A-100000@unicorn.it.wsu.edu>

Yes, Joe, I have done it. For the last few Saturdays when I check into the WSN-40 QRP net, I've been outside at the house. Temps have varied between 25 and 35. I've used thin gloves that are intended for liners for mittens or gloves for x-c skiing. For up to an hour it isn't too bad. After that the hand needs to go back into the glove to warm up. Worse part is the 1/2 to 1 inch gap between the end of the gloves and the end of the coat sleeve. That gets cold fast.

Last Saturday the site I've choosen for FYBO was -10 F at 8:00 am. If that continues, I'm going to start looking in central WA for warmer temps! :)

72,

Randy

AB7TK ARCI QRP-L NORCAL NWQRP ARS

Moscow, ID

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: DYARNES@aol.com

Subject: [11502] Ham Radio Goes to the Movies

Message-ID: <970209225956_377739317@emout20.mail.aol.com>

Hi All,

A while back there was some conversation on here about ham radio in a couple of movies. I just finished watching a movie called "Testament" on Bravo. It starred Jane Alexander (who, by the way, currently is our "ambassador for the arts"), and was about life in a San Francisco suburb after a nuclear attack.

Of course it was depressing, but all during the movie one character portrayed a ham operator who kept calling CQ looking for other survivors. Not sure if he was QRP (probably not) but he was using emergency power! He used the call W6DN (many times), which my database says is Robert Kogen in West Hills, CA. I wonder if Robert knows he is "dead" from radiation poisoning?

The other curiosity in the movie was seeing a much younger Kevin Costner. This movie was made in 1983. Ole "Tin Cup" couldn't have made many movies before this one.

If you hurry, you might catch the late night re-run!

72 de David W7AQK

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: buhyoff@vt.edu (Greg Buhyoff)
Subject: [11517] Help -- Envirotronics
Message-ID: <v01540b01af24b511be90@[128.173.78.57]>

I have been trying to reach Envirotronics to order a paddle. However, over the past week I can only reach a message machine. The message says to leave a phone number and "they will get right back". However, zip, nada, nothing. Anybody out there have a clue? Do they go south for the winter or whatever? I know this a low-key operation (no pun intended), but gee, at least change the message if you are not going to be around or have no intention of returning a call.

Thanks and 73, Greg K2UM

=====
Greg Buhyoff
Julian N. Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Office Phone: 540-231-5148
Fax: 540-231-3698
E-mail: Buhyoff@vt.edu
=====

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: ukii@megsinet.net (ukii)
Subject: [11507] Help Tuning 38
Message-ID: <01BC16D9.20F6F0E0@randolph2er1-19.megsinet.net>

Hello Gang.

Well,I tuned the radio and everything seemed fine so I stuck it in a case. Well,as my luck would have it, it seems its not working like it should be.

I did peak the RX by listening to a signal and getting the loudest receive. I also did the TX by listening to myself on my Icom.

Anyway,after trying for a qso with it,and getting nothing,I had a friend who live close to me try to hear me. He couldnt hear me at all.

I did hear him,but it was on the low side.

Now,I saw mention about 2 distinct peaks on T1,well,I thought I had 2 peaks,but what I had was 1 peak,didnt watch the plastic alignment tool and it was going 360 before I got that "second" peak.

Now,I have no way (that I know) to measure the milliwatt output,but could that T1 be affecting the TX also?

Guess what I am saying is...

Low receive,low TX output,could an extra winding on T1 be the problem?

*** Is there a way to tell if a winding should be removed from T1?

Thanks very much...

john

(I did the RIT mod,and my range went from 128-110 to 118-121 so I took the mod out! ((yes,chicken!)))

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [11541] HW-8/Tick-1
Message-ID: <1.5.4.32.19970210171352.0066d77c@204.127.3.1>

This may be a repeat message. I had some trouble with my server. If so, I apologize for the bandwidth...

I have completed the little Tick-1 kit and installed it in my Heath HW-8. I have made contacts with it and gotten excellent comments concerning the quality of the keying. I have built the CMOS II and the CMOS III, and they

are great keyers. But, for small QRP type rigs, the TiCK-1 just cannot be beat. It is simple to build, easy to install, and about as cheap as you can expect.

I had some difficulty with the keyer when I first built it. The first problem was a faulty socket used for the keyer chip. That was easily repaired. The second problem still exists but does not affect the use of the keyer. The piezo transducer is open, and will not function. I set my speed and have been using the keyer, but I cannot tell which function I am using when depressing the switch. I will pick up a transducer tomorrow (monday) from Radio Shack (RS), but Embedded Research will replace the defective one. I have already installed the original, and cut the mounting holes, so the RS transducer will be used temporarily until the original type replacement is received.

I placed the control switch right under the meter on the HW-8. There is plenty of room for it there. I mounted it on the inner panel, and let the head of the switch stick out through a hole drilled on the face of the outer panel. The shaft of the switch is plenty long enough to be able to depress it without it actually being mounted on the front panel, and it looks good.

I mounted the keyer board on the rear panel, using two standoffs. These can be purchased from RS. I mounted the transducer on the rear panel also, but made a small holder for it in my miniature lathe (unimat). However, it could be easily glued to just about any place you wanted to put it.

I opted to use two AA cells (3 volts) in a RS holder and "hook & loop" it to the left side of the HW-8. I could have put in the 12 volt regulator and attached it to the DC input of the rig. However, when power is removed from the keyer, it returns to its default settings. I chose to use 3 volts from the AA cells and leave them on all the time. The batteries will easily last their shelf life. The keyer "sleeps" at 1 microamp, and uses very little current when actually in use. That way I don't constantly have to reset to my normal code speed, and other parameters.

I consider the Tick-1 a true bargain, and well worth the small amount it costs. I have not tried it with other QRP rigs, but with the HW-8, it is ideal. I plan on putting another one in my other HW-8.

By the way, when I had the problem, right after installation, I contacted Embedded Research by E-Mail. That was on Saturday night. On Sunday morning, I had answer, and it was obvious that they were going to do everything possible to see that I got this device working. Great folks and a great lil keyer.

Standard disclaimer applies....

Jim, K5ROV

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "James S. Braun" <jsbraun@frontiernet.net>
Subject: [11539] HW-9 accessories available
Message-ID: <32FF7C2C.5A2@frontiernet.net>

I have the following Heathkit HW-9 accessories available:

*PSA-9 Power Supply- in excellent condition w/ copy of manual.

*HFT-9A Qrp Tuner- in VGC w/ manual.

*HM-9 Qrp Wattmeter- Not working. (case has scratches, but face in VGC)
w/ manual.

I would like to poss trade these items for a unbuilt Norcal 40A, or
towards a unbuilt Sierra.

I can be reached at (716)367-9826 or via e-mail: jsbraun@frontiernet.net

Thanks / 72's
Scott
KB2GWF
Qrp-L #286

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Mike Duke <gmduke@oscar.teclink.net>
Subject: [11479] HW8 on 30 METERS
Message-ID: <Pine.GS0.3.95.970209184818.29880A-100000@oscar.teclink.net>

The destructions for putting the HW8 on 30 meters are in the HW8 Cookbook
with one rather glaring error. The crystal required is for 18.895, not
for 8.895 as stated in the article.

I pulled 80 out, and almost wish I had left it and took 15 instead.
Nevertheless, it works ok with only occasional bci from 31 meter overload.

73, de K5XU

Mike Duke,
Jackson, MS

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: talljazz@teleport.com (Dan Presley)
Subject: [11551] Internet charges
Message-ID: <v01530513af251566d89a@[206.163.125.132]>

Apologies if this is a duplication, but here is some info from another list which may clarify this issue:

KPO, now I have found it. The one with the February 13 deadline is about long distance access, and the real filing date was earlier with REPLY comments due by Feb 13. Here's what the FCC summarizes about NOI 96-263 about charging for internet access: GNJ

Internet Access & Information Service Provider NOI
The NOI seeks comment on whether the FCC should, in addition to access charge reform, consider actions relating to the implications of information service and Internet access provider usage of the public switched network. In particular, in light of concerns raised over congestion on the public switched network, the Commission seeks comment on how it can most effectively create incentives for the deployment of services and facilities to allow more efficient transport of data traffic to and from end users. The Commission made no specific proposals, but tentatively concluded that providers of information services (including Internet service providers) should not be subject to the interstate access charges that local telephone companies currently assess on long-distance carriers.

Comment Date: February 21, 1997
Reply Comment Date: March 24, 1997

Filing Comments

Parties that wish to file formal comments in these proceedings should follow the procedures set forth in the NPRM and NOI. General information on filing comments with the FCC is also available.

You may also file informal comments electronically via e-mail to access@fcc.gov for the Access Reform NPRM (CC Docket No. 96-262) and isp@fcc.gov for the Internet Access & Information Service Provider NOI (CC Docket No. 96-263).

Only one copy of electronically-filed comments must be

submitted. You must put the docket number of the proceeding in the subject line, and you also must note in the subject line if an electronic submission is an exact copy of formal comments. You also

must include your full name and Postal Service mailing address in your submission.

Dan N7CQR

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: JCoote@aol.com
Subject: [11579] INTERNET SURCHARGE
Message-ID: <970210162148_1048934433@emout02.mail.aol.com>

I've sent my email to isp@fcc.gov... which is supposed to be the address for comments according to the posts here on QRP-L. Have you?

(It is QRP-Ham related as it threatens QRP-L.....hi)

Now, if we want to do this right we should also be emailing our politicians and news media.

Could someone please post email addresses (not websites) for Prez, Vice-Prez, Senators, Representatives, etc.??

73, Jay
W6CJ

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "John P. Spoonhower" <spoon@kodak.com>
Subject: [11574] kc-1 or 2 in ten-tec argosy?
Message-ID: <32FF8C89.42FC@kodak.com>

Anyone out there ever try putting a wilderness radio kc-1 or kc-2 into a ten-tec argosy? I have an old analog argosy that I'm making a few mods on at the moment. Any help appreciated.

72, john, kc2du

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: ac4gt@juno.com (Nathan C Tart)

Subject: [11550] Local Telephone Charges

Message-ID: <19970210.130140.4759.0.ac4gt@juno.com>

Fm Telecommunications Consumer

To Federal Communications Commission

Subj: Local Telephone Charges

I am already paying nearly \$30.00 per month for my local access to the telephone lines.

It is my understanding that the local telephone services are trying to get a ruling to the fact that they can charge for the time that the local telephone service line is in use. I can understand the fact that with the internet users that the time is being abused, however:

1. I can not see where my telephone service has been degraded because on the internet users.
2. I do not abuse the internet and I do not abuse the phone lines.
3. I pay Southern Bell for my phone line every month plus various taxes including one imposed by the FCC.
4. I do not feel that the American public should be dictated to and forced to pay double for the use of the telephone of the internet....(many on-line users have a separate line installed for that purpose and pay the same rate and taxes as on the primary line.
5. If the phone companies are allowed to charge by the time used then we should not have to pay the monthly fee or the long distance charges. (It will amount to double and triple payments for the same service)
6. This is merely an attempt by the telecommunications industry to get themselves out of an adverse situation that they got themselves in. The majority should not have to pay for the hobby of a few... let them find another way to correct their mistakes. (No one ever told the services to offer unlimited service where one could stay on-line 24 hours a day.
7. Last but not least if this is allowed to transpire it is just another example of the large service providers dictating to the government and a minority of the people ruling the majority. We are all taxpayers.. as Ham Radio Operators we are already victims of rampant deliberate interference on the airwaves and constant attempts of the government to sell all the frequencies and no enforcement to speak of by the Federal Communications Commission.

Any consideration that can be given in this matter will be greatly appreciated.

Respectfully;

Nathan C. Tart AC4GT

Dir Southeastern

Radiosport Assn.

Member :

American Radio Relay League

Dept of Defense Police League

Inspector Retired

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: QLF@mimi@magic.itg.ti.com

Subject: [11525] MFJ-259

Message-ID: <9702101409.AA20802@itg.ti.com>

From: Brad Bradfield QLF

Subj: MFJ-259

A month or so ago I bought a new MFJ-259 SWR analyzer. Don't know about anyone else, but it's a dream to use and I wonder how I ever got along without it for so many years! Question: does anyone have a schematic for the thing? As you know, there is none in the manual. I'd very much like to get a schematic if anyone has one. Haven't inquired of MFJ about this yet, but will if all turns up negative here. I figure if anyone has one, one of y'all will.

72's es 73's,

Brad, WB0CGH

Brad Bradfield, PE

Electrical Design Engineer

(H) 817-321-2960

Texas Instruments, Inc.

(W) 972-462-6230

(Soon to be: Raytheon/TI Systems)

QLF@MSG.TI.COM

Real men talk with their fingers!

WB0CGH@W05H.#DFW.TX.USA.NA

ARRL Life Member QRP-L #377 SMIRK #4906 IEEE(M) ARS #72

Collector of wireless and landline Morse keys and accessories.

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Richard Wilkerson <richqrp@pacbell.net>

Subject: [11568] Mlog
Message-ID: <32FF65DA.6CDF@pacbell.net>

Could someone please tell me (again) where I can get the logging program
Mlog??? Thanks .rich

--

Rich Wilkerson, WD6FDD, Santee, Ca.

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: jdenison@aisp.net (JOEL DENISON)
Subject: [11576] mobile qrp
Message-ID: <19970210210554168.AAB173@slip8.ts-f-merrill.caps.maine.edu>

Just a short story. I had an icom 735 in my truck, (back in
louisiana) and did some county hunting mobile as some spots in La. are hard
to get. Wel one night I was on my way back from a friends house and I put
the power down to 5w and sent out a cw just wondering what would happen.

I got an immediate reply from a VE running less than five watts. I
had an iambic key mounted on a board that allowed me ease of use and I found
I made "many" qrp contacts mobile cw. It's a blast and safe if you set up
your key (and a pad to copy call signs and names in the right place. no need
to get your eyes off the road for more than a second or two if you forget
the call sign or name.

It also helps one to learn how to copy in one's head faster. If
you're mobile give it a try (but not in heavy traffic) be careful and use
common sense and I gurantee you will have a blast.

God Bless
Joel

WA5CVM

Joel Denison
81 High street
Farmington, Maine 04938
jdenison@aisp.net

Gentle Lady (049 - high start)
40 mtr dipole up 40ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [11488] NOTFI,JESS
Message-ID: <Pine.SUN.3.91.970209192334.25782A-100000@kitsune.swcp.com>

Hi Jess, tnx qso on 40. Band heavy QSB,QRM. Lost you, CU AGN 72,Tom WB5QYT

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Steve Hurst" <shurst@magiclink.com>
Subject: [11512] N0TU
Message-ID: <199702100623.BAA23727@nss2.CC.Lehigh.EDU>

N0TU,

WHERE ARE YOU ??? I GET 404 OBJECT NOT FOUND. When trying to access your web site ! Did I miss your post of a new URL ? I MUST HAVE BY GOLLY CAUSE I CAN'T FIND YA ! I GO AHEAD AND BOOKMARK YA AND YA MOVE ! So will you kindly give me your correct URL once again ? Much appreciated !!!!

73,
Steve
KA7NOC
di dit

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [11524] NC38S - HELP NEEDED ON POOR TUNING
Message-ID: <9701108555.AA855589774@smtpgw.ccgate.dl.nec.com>

Well Gang:

I sure feel awful about needing to write this, but I'm having trouble with my NC38S. I've built many kits with no trouble encountered, so this one has my ego a bit bruised.

Here goes:

Stock kit. Triple checked my parts placement. Triple checked for solder bridges.

Problem - The receiver only tunes about 1kHz. The 100k tuning pot has no tuning effect about the first 1/3rd turn, then tunes a bit the rest of the shaft rotation. Thinking I had a bad pot, put in another. Same result. TC1 does peak the signal and the signal I hear is FB, just a very limited tuning range. Can't get the RTTY signal at 10.130. Best I can figure, I'm stuck around 10.120, as that's what the FT840 hears when I tx.

On tx, I get a nice side tone, and TC2 does the dirty/clean side tone thing. But, as mentioned above, as I tx and move the tuning pot, the signal only moves about 1kHz away from 10.120.

I've triple checked my parts layout. Re-checked my toroids (made sure ends making good connection & correct turn count).

If I messed up a toroid (in particular T1 or L2) could this cause the problem. If X1 (22.118 xtal) was not working, could this cause this?

Any ideas from the group would be most welcome. I built this radio for my little boy as his first intro to radio and would love to get it going. Dad has egg on his face after telling him that "I've never had a problem with a kit" :-)

Thanks!

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25, ARRL

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [11538] NC38S REDUCED TUNING RANGE MORE
Message-ID: <9701108556.AA855600522@smtpgw.ccgate.dl.nec.com>

Gang:

Noticed another builder had a similar problem with the NC38S. Turns out his L1 was bad.

Question: I checked my L1 and it reads almost a short. Would a bad one be open, or could it be bad and still have continuity? Could prolonged soldering iron heat do damage to L1 without it opening? (i.e. change inductance, thus mess up my tuning.)

I re-installed T1 making absolutely sure my primary/secondary wires were making good contact in the holes.

Will try again to do more after work today. This one has me stumped!

73 de Dave NR3E
nr Dallas, TX
qrp-1 #25, ARRL

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Doyle, Ron" <doyler@uh2297p01.daytonoh.ncr.com>
Subject: [11522] NC38s, Another one lives!
Message-ID: <32FF222B@sdccwinb.daytonoh.ncr.com>

Yep, this is another one of 'those' messages.

I just finished stuffing parts and adding the offboard parts Sunday night. I didn't have a lightbulb so I used my ohm meter to verify that I didn't have any shorts before applying power. While this doesn't cover all the bases it was better than nothing, almost.

No smoke and there is noise in the headphones! I plug the key in and it starts transmitting. Oops wired the stereo jack up wrong, no biggy. It tunes up fine and sounded good on the qrp+. I don't notice any thumps yet but I may not know what they sound like. It all sounds good to me. I hear a lot of hiss but no sags. It's very late and the qrp+ doesn't hear anything either. The 38s did hear the qrp+ ok when I was tuning the receiver. The tuning range is 10.108 to 10.129 which seems pretty close to what others have reported. I chose to start with the basic radio, no mods at all. I didn't want to troubleshoot any more problems than I had too.

All works as advertised so far. I plan on doing the RIT mod first and adjusting the low end close to 10.100. Then the keyer mod and the amp. I am still waffling on the amp. I haven't decided if I want the low power out with the low power consumption or the higher power and bigger battery on those outings with the scouts.

So far so good and I have really enjoyed the kit. Everything has been easy and soldering the parts has been a pleasure. The high quality board flows solder great. The numbered holes on the front and back of the board makes adding the offboard components much easier. Nice idea!

Now if I could only think of that gimmick that would ensure first place at the Dayton Hamvention. :)

72 de Ron, N8VAR

Ron Doyle, N8VAR qrp-1# 263
NCR - Dayton
Work (513) 445-3179
Home (513) 237-0790
<Ronald.Doyle@DaytonOH.NCR.COM>
<n8var@juno.com>

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Mark Arvidson <arvidson@swbell.net>
Subject: [11533] NC38S: Yet another (long) birthing story
Message-ID: <32FF3723.3CEC@swbell.net>

Howdy, howdy!

If you're tired of reading about 38S's coming on line, press the DEL key now. Otherwise, I'll try to keep my excitement contained and shorten the story.

First, background. I got my first license (no-code) about two years ago after a ham friend explained to me that I could use my 2m HT for more than just Civil Air Patrol by getting a license. That's all I was interested in until September, when I stumbled across this wonderful list of QRP-L-mers. I avidly began reading the 60+ messages every day and became captivated by the ubiquitous 49er. I saved up some money and studied hard for the CW test. Missed my opportunities in Oct & Nov to test. Decided to buy a 49er anyway, one day after they ran out. AARGH!

But, what's this? A beauty of a 30m radio for a mere \$25? Designed for brand spanking new builders (like me)? Great, I'll get my General and put it online! Finally tested in Dec for General, but couldn't copy! I should have gone to a session to practice, as my nervousness ruined my chances. I passed the 5 WPM easily, so at least I got T+. Hmm...Gotta study up for the Jan test. Oops! Canceled because of a Ham-Fest (and I didn't pre-register). Well, better order the 38S anyway, so I don't lose out on this one, too... Mailed order late in Jan.

Finally, last Wed, I went to lunch at a local Chinese joint. My fortune cookie said "A long delayed package of value will arrive shortly. Lucky #: 5, 14, 38, 50."

"Gosh, self," I said to myself, "this could only be the 38S, with a lucky number 38! It must be coming tomorrow (shortly)!"

Shore 'nuff, it came the next day: #550 (note the lucky numbers!). So, Thursday night, I did the chores and retired to the basement to begin

assembly. Many people have commented about taking about 3.5 hrs to build this baby, but after 3 hours I was tired and only had the board half stuffed. Of course, I spent time studying the WONDERFUL tips in the manual, as the closest I'd come to winding a toroid is a pull-string car...

The next night, I spent 4 spectacular hours stuffing and checking each and every solder point. Finally, it was done, and it only took me 7 hours! I plugged it in, and heard static on my first try! WOW! Since it was after midnight now and snowing, I couldn't go hang an antenna, so I just dummy loaded it and began beeping to myself. It was incredible!

Anyway, to finish up, on Saturday, I built up a dipole, threw it 10' up in the trees (while it was snowing) and heard at least 6 signals on every point on the tuning band! Wow! Now on to testing, tuning, and tinkering...Already got the tick and other stuff. Waiting on the IRF-510...

This is an incredible deal, and I'm tickled pink to be involved with this great group.

hopefully soon to be a General Ham (already a Major in C.A.P.)

Mark Arvidson

KB0SPQ

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: n5zgt@swcp.com (Brian Mileschosky)

Subject: [11508] Need Good 30 Meter Antenna

Message-ID: <199702100452.VAA05944@kitsune.swcp.com>

Hello Everybody,

Well, my new 38 Special (#665) should be on the air soon! I have to get some diodes from NorCal.

What is a good, effective, but simple 30 meter antenna? I'm going to take the 38S backpacking, so a dipole will have to do. But what can I put up around the house? I have a G5RV, but I'd hate to use it with a tuner. Afterall, I might need that lost power to get my 38 Special #1 DXCC award, HI! Thanks.

72,

Brian, N5ZGT

Boy Scouts of America
Eagle Scout (12-6-96)

Amateur Radio - N5ZGT
ARRL QRP: NorCal# 1700 QRP-L# 580

JASM - Troop 41
Albuquerque, N.M.
O.A. Lodge 66 <-W-W-W-<<

Author of Worldradio's "Youth Forum" Column
Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NOAM
Internet: n5zgt@swcp.com

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Karl Heimbach <heimbach@concentric.net>
Subject: [11534] Need help with a HW-7
Message-ID: <32FF3D32.6372@concentric.net>

Hello to all,

I picked up a HW-7 a couple weeks ago and got around to hooking it up this weekend. After replacing a blown 2000 MFD - 15V cap and thorough spraying all switches with Deoxit, I find that I can receive on 40, 20, and 15 meters and transmit consistently on 20 and 15.

Forty meter transmit comes and goes and I suspect a dirty/bad 40 meter bandswitch.

Before I pull the switch (I don't have a spare), does anyone have any idea of what else the problem may be. This HW-7 is absolutely mint cosmetically and I want to keep it.

Thanks... de Karl - W5QJ

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "JakeCart" <JakeCart@ix.netcom.com>
Subject: [11487] New ham progress report
Message-ID: <199702100221.SAA03241@dfw-ix6.ix.netcom.com>

OK maybe its time to turn down the power on my Scout.

As I reported previously, I passed my Novice test on Oct 16 (1996) -- reference "I passed I passed I passed!!!", and passed the rest of the exams in Nov. I put up my little wire dipole during half time of the Army-Navy game (go Army) and got on the air on Dec 2. (I'm so new that my call appears on page 81 of the Feb QST as the latest call issued!!).

Last night, after tiring of the crowded conditions on 40 meters at my usual 9:00 pm to 10:00 pm operating time, I decided to get to bed early and get up a 1:30 am (EST) for a very early morning operating session. [1:30

EST = 6:30 GMT and 8:30 pm in Alaska and Hi -- I think :>).] In 2 hours of searching and responding to CQ's I missed AK and HI :>(but I worked PK9/K8NI in Bonaire, HK7AAG in Los Santos, Columbia, AC6LT in Fresno, CA, PY1FB near Rio, almost got F6ARC (I heard him/her and he/she got the AE4??) and made solid contact with ZL3FC.

ZL !!! That's it -- half way around the world on 50 watts -- I'm using too much power.

Jake [AE4ZE] QRP-L #821 G-QRP #9557

QRP-L #821

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Peter_Simpson@3mail.3com.com
Subject: [11516] Nils's Progress Report
Message-ID: <8525643A.0043CD47.00@hqoutbound.ops.3com.com>

I haven't laughed so hard all week. Stream-of-consciousness kitbuilding instructions! What a concept.

I think we should ask Nils to do the manual for the SST. That'd separate the wheat from the chaff.

72,
Peter, KA1AXY

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [11563] NW8020 filter thump
Message-ID: <01IF94DBR0YG8WWEG0@tntech.edu>

I was playing around with my Dan's NW8020. Since I will most likely get a great deal of use out of the rig, I decided to see what I could do about the thump I get in my speaker when the filter is in line.

I did the diode mod that someone on the list suggested.. no difference. I tried different speakers.. no help.

finally I just put different value resisotrs in series between the filter output and the slide switch. Got it to be real acceptable.

72

Jeff, AC4HF

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: nwqrp@scn.org
Subject: [11500] NWQ Member search now has email addresses
Message-ID: <199702100355.TAA10460@scn.org>

Hello gang!

The NWQRP Member Search function (see URL below) now has email addresses ... so search for first names, callsigns, state abbreviations, etc. and you will find records matching these strings ...plus... any email addresses in our database!

Please help us update our database by emailing corrections to : nwqrp@scn.org

<http://www.scn.org/cgi-bin/qrpsearch.cgi>

--Brian, KV9X

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "John Shuster" <jshuster@ix.netcom.com>
Subject: [11537] OHR Group Purchase is ON !!!
Message-ID: <199702101644.IAA07587@dfw-ix1.ix.netcom.com>

To All:

Due to an overwhelming response way beyond the 10 kit minimum, the OHR group buy is on!

Dick wasn't interested in negotiating prices. He just quoted me low prices

for all his kits. For example, the OHR 100, usually \$159.95 is only \$120 !! That's 25% off. Great price for a full-featured 5 watt rig.

Here are the prices; You'll find the standard pricing and product info on OHR's web page at: <http://www.ohr.com>

Prices for this group buy are good from today until next Monday, Feb 17th:

OHR 400 - \$272.00
CL2040 - \$187.00
OHR 100 - \$120.00
WM-2 - \$81.00
DD-1 - \$68.00
SCAF - \$60.00
KEYKIT - \$34.00

Regular shipping prices apply.

If you have already emailed me, please send another official order with your final decision and choice of kit(s).

Here's the easy 2 step process:

1. Email your order with your CALLSIGN to me at: jshuster@ix.netcom.com

I will confirm your order back to you and forward the info to OHR.

2. Contact OHR to arrange for payment and shipping address

OHR will ship your kits immediately.

OHR contact info:

OAK HILLS RESEARCH
20879 Madison Ave.
Big Rapids, MI 49307
616/796-0920 voice
616/796-6633 fax
email: grp@ohr.com
web page: <http://www.ohr.com>

Best to you and your families,

John

++++
John Shuster QRP Solder Head jshuster@ix.netcom.com
At the foot of the Olympics in little Port Orchard, WA
K7MP ARCI 8951 QRP-L 554 ARS 36 NW QRP 346 WWDXC ARRL
++++

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [11491] On 7.052
Message-ID: <Pine.SUN.3.91.970209193457.25782D-100000@kitsune.swcp.com>

Will be on 7.052 from 1945 till 2030 for a Bare Essential contact. The
shack is cold so will warm it up with the B.E and the R-390. 72, Tom WB5QYT

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
Subject: [11478] QRP with IC-765
Message-ID: <199702100034.TAA01119@dxis.monroe.pa.us>

Does anyone know if there is a potentiometer inside the ICOM IC-765
that can be used to adjust the low power setting from 10 watts to
5 watts? On my IC-735, it was a simple matter of adjusting R267
(I think), but I don't know how to do this on the 765.

I know about the 9-volt battery and potentiometer applied to the ALC
circuitry, but I would like to be able to set the 765 to QRP levels
without external circuitry, regardless of how minimal.

Thanks in advance for any help.

72.5,
Bob K3PH

--
+-----+
| Bob Schreibmaier K3PH | E-mail: k3ph@ptd.net |
| Kresgeville, PA 18333 | ICBM: 40o55'N 75o30'W |
+-----+

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11545] Repair Contest Entrants
Message-ID: <199702101738.RAA14359@chuck.dallas.sgi.com>

Gang,

Last week Doug posted that he had a RadioKit xcvr that was not working even after someone else had spent appreciable time on it. He and I had discussed some options and we came up with the contest idea. You'll note the proliferation of different contests for this group. It's not that we are a contest group, it just generates some friendly competition and gets a lot of interest in doing stuff in general. So add this to the growing list.

In email that I got from people, there may be some misunderstanding. I have not seen this particular rig. I have worked on several RadioKits in the past locally for some people that were having trouble. They all work at this time, except for the one that I bought from AC4HF some time ago. I looked at it and decided that it was not worth the time and trouble that it would require to get going. It was too far along to correct problems that were caused by a set of poor instructions and errors introduced as a result thereof. I personally hate taking things apart.

So the RadioKit xcvr that you see here is one that has been in CA the whole time. But that is about to change. :-) ;-)

So there were a number of volunteers for this little contest. I had someone in the office draw only 10 people from those that sent me email, so if your name does not appear you were (lucky/unlucky) to make or not make this list. :-) I wrote all the calls down, one per slip of paper and placed them in a bowl and we had a random drawing this morning in the office. This is the result of that drawing:

1. KA5T Larry Wise, Georgetown, TX
2. K1MG Mike Gipe, Saratoga, CA
3. W6TOY Bruce Muscolino, Silver Spring, MD
4. WJ2V Preson Douglas, Lawrence, NY
5. WB6TNL Steve Smith, Oxnard, CA
6. KU7Y Ron Stark, New Washoe City, NV
7. NC90 Ralph Davis III, Berwyn, IL
8. KQ6FR Dave Fifield, San Jose, CA
9. K6AEC Bob Parks, Las Vegas, NV
10. AB70A Kent Torell, Phoenix, AZ

So, Larry got first pick. I know this looks suspicious, but it was the luck of the draw. I think it was the badger critter trying to make TX sweat a little and put the pressure on Larry down in south TX to make us look good. Hope he has some vacation time coming to work on this a lot. :-) ;-) Remember there is a deadline of only one week per contestant.....

If this group fails, then we'll come back for more volunteers or call it a draw.

Start your soldering irons, freq counters, scopes, DVMs, gang. The race is on.

Doug will be the judge on this one and referee. The rest of us will watch from the sidelines. Doug, do a digital series of photos before it goes out the door and have Jerry put them on the web page so that we'll all know what the discussion is all about.

dit dit

SIG

Chuck Adams K5F0/6 adams@sgi.com DXCC=4
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [11490] Rig choice?
Message-ID: <Pine.SUN.3.91.970209193220.25782C-100000@kitsune.swcp.com>

If you had a choice of rigs would one go for the Ten Tec Scout 556 or the QRP PLUS with the SCAF filter? Both seem like great rigs to me but can't afford both. Appreciate some input. Tnx es 72 de WB5QYT Tom

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: JCoote@aol.com
Subject: [11580] RTTY QRM on 7040 (silly rant)
Message-ID: <970210162150_1213842081@emout03.mail.aol.com>

Recently there have been discussions of QRM from "digital" modes here on the list.

I'd like to add that today (Sunday) there was some sort of RTTY contest in progress.

I heard some strong QRM on 7040, turned on my modem and found it was apparently

coming from a K3MM.

In a past digital bash it was suggested that QRM on QRP calling freqs was (all) due to packet or pactor operators. Not so.

I think that inexperienced operators (whatever their mode, SSB, CW, AM, digital) need to be educated on where their mark and space tones (or sidebands) will fall in relation to their dial frequencies, and their effects on others. The K3 was on a higher dial frequency (LSB) but his tones were spilling over nicely onto 7040 CW.

I think also that certain publishers who sponsor weekend QRO contests to aid in selling magazines (you need their magazine to see your score) might consider enlightening their readers as to which sub-bands to use for the mode of that contest. Maybe they could award pen-and-pencil sets, fruit cakes or zillions of points for staying within one's band as an incentive? ;-)

72, Jay
W6CJ

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Dan Harriman <kc5gx1@pnx.com>
Subject: [11484] sign-off
Message-ID: <1.5.4.16.19970210013609.456f2544@pnx.com>

Man, too much mail! TOO much mail! TOO MUCH MAIL!!! It has been real nice meeting everyone here on qrp-l, but I have another life that I need to attend to once in a while! I will be back, but for now, I must unsubscribe.

Tnx fer the memories!

72 73 de Dan aka kc5gx1

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>
Subject: [11475] Start of 25V power supply...
Message-ID: <Roam.3.0.1.855533809.364.myers@bigboy>

So.... the power MOSFETs seem to work a little better at 25V or so, rather than the 12V we normally have available.

I decided to build a 25V supply, using a switcher to step the 12V input up to around 26V, then a linear regulator to develop the 25V output.

The switcher is efficient and easy to build; the linear regulator provides a low noise output. The switcher does generate RFI, the idea will be to only use it on transmit, strobing it off on receive.

So far I've prototyped the 26V switcher; currently, the output voltage is 24.8V (I need to find a slightly smaller resistor for the feedback divider ;-). With loads from 500mA to 1A, the efficiency is between 89% and 90%. The linear regulator will reduce this slightly.

The inductor is wound on a T-106-3, the switching transistor is an MTP3055E, the controller is a TL497. This set of values is intended to provide up to 2A @ 25V, though 1A is more than enough for QRP.

Any FET experimenters interested in more details?

Dana K6JQ
Dana@Source.Net

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [11565] Subject: NC38S - HELP NEEDED ON POOR TUNING
Message-ID: <M29363304.040.ea7od.1.970210160930Z.CC-MAIL*/OU=SATCG/OU=AZBH/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

>Problem - The receiver only tunes about 1kHz. The 100k
>tuning pot has no tuning effect about the first 1/3rd
>turn, then tunes a bit the rest of the shaft rotation.

Sounds like the classic open VXO open tuning inductor problem.

Also:

- check tuning diode polarity
- check tuning diode to make sure it is ok (use ohms scale to check both polarities)
- check voltage across tuning diode: should vary between 0 to 8v or so.

Good Luck!

- Dan Tayloe, KK7BD, Phoenix, Az, QRPL # 696, Az ScQRPions

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Ron Giuntini <rong@slip.net>
Subject: [11509] T1 Turns and mods
Message-ID: <E0vtokT-0006aG-00@ferret.slip.net>

I have seen a few references to the need to remove a turn or two on T1 in the 38. Are most folks finding this unnecessary? I am starting my 38 and after reading all the posts I think I will omit the RIT mod and am debating the 5W mod at this point. I am going to put in the TiCK chip. I wonder if anyone has done the TiCK and 5W mod exactly as the manual describes...I see that there is alot of learning going on and that there are many ways to build this radio...Any thoughts?

Ron

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Jeremy Cowgar" <jcowgar@villers.com>
Subject: [11526] TenTec 1340
Message-ID: <B0000001888@mail.villers.com>

My TenTec is not yet working. This weekend I have gotten some more time to work on it and got another final output transistor for it. Wow, I got it to output three watts I thought, but gezz, hooking it up to the scope shows it's only static. A tone is no where to be found. A reciever confirmed this. Even transmitting into a dummy load made my near by reciever recieve static about 20kc's on both sides of my actual transmit frequency.

Anyone who has built one of these have any ideas? I am getting stuck and TenTec tells me I should send it to the factory however they charge a minimum of \$20, but they bill out at \$50 an hour. So depending on how long it takes, gezz, could rack up the money pretty fast.

Thanks for any info,

Jeremy Cowgar - KB8LFA

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: kf2zw@juno.com (Scott Hoag)
Subject: [11485] Thanks
Message-ID: <19970209.205705.3750.0.kf2zw@juno.com>

Thanks all for the info on the QSL buro
73's

Scott Hoag
KF2ZW
QRP-L #426

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
Subject: [11535] Thanks for -12V info
Message-ID: <v01540b00af24f2a2c154@[157.142.56.167]>

A big tip o' the sombrero to all who provided information about -12V devices and circuits.

Thanks and 72/3,
Mike N5JKY
Edmond, OK

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11575] VE3DNL freq marker
Message-ID: <199702102105.VAA15297@chuck.dallas.sgi.com>

Gang,

>From the web page I get this question a lot,
so instead of individual postings I'll post here.

When you go to <http://www.cl.ais.net/farcir/>
and go down to FREQUENCY STANDARDS & FREQ MEASURING
INSTRUMENTS you will find the last item to be
the famous VE3DNL 40KHz, 20KHz, 10KHz, or 5KHz XTAL
controlled marker generator using 4060 IC and
FAR Circuits has the board for \$4.00 and I think that
includes shipping and handling via first class mail.
I don't see any mention of P&H on the web page.

He does accept plastic and you can fax the order to
847.836.9148 for credit cards.

Neither Glen nor I get anything for this.

You do need a 5.12MHz crystal for the 5KHz output

or a 10.24MHz crystal for 10KHz steps out.

Hope this helps. I use this puppy all the time for peaking receivers and marking dials for calibration. Makes a great signal generator also and much smaller than the ARRL handbook using 4 ICs and a 1MHz crystal.

FYI

SIG

Chuck Adams K5F0/6 adams@sgi.com DXCC=4
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [11476] WhiteBoy/CodeRook PUP
Message-ID: <32FE67BF.474E@harksystems.com>

Hey gang,

Spurned on by the weight considerations of the Spartan Sprints I have just finished installing a Radio Adventures "PUP" model CodeBoy keyer inside a WhiteRook Iambic paddle. The board fits very nicely inside without any cutting. I did have to substitute a miniature PCB mounted pot for the speed control - its accessed via a hole in the bottom of the paddle casing. A small piece of double-sided tape hold it in place inside and I used a slightly smaller battery (3V) to fit inside the paddle case. Theres no on/off switch since it doesnt draw much in standby. I'll weigh it on the postage scale at work and let you know how much the whole thing weighs. I also did without the weighting pot and just used a fixed resistor for the standard 3:1 weighting. A piezo speaker glued to the bottom outside of the case completes the assembly. It will compliment my 49er and 89er nicely. See you in the Sprints!!

--

73, Randy WJ4P

QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: buhyoff@vt.edu (Greg Buhyoff)
Subject: [11519] WTB: Envirotronics Paddle
Message-ID: <v01540b03af24bec706a9@[128.173.78.57]>

I am looking for a small Envirotronics paddle for portable operation (not the desk model). If you have one you are willing to sell please contact me. Thanks.

73, Greg K2UM

=====
Greg Buhyoff
Julian N. Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Office Phone: 540-231-5148
Fax: 540-231-3698
E-mail: Buhyoff@vt.edu

=====

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: NilsBull@aol.com
Subject: [11482] Yeeeehah! Re-ducks & Splittist Blather
Message-ID: <970209201523_618603823@emout02.mail.aol.com>

Yeeeehah! Ah shuddah bought tew!

This was all too easy. I mean really. As if. I finally got up the gumption to find my stash of RG174 from another aborted project. Then I sat around all day reading about writing until finally Cindy lit out fer Wal-Mart soz to buy a new ironin' board and some other stuff. The little guy went with her.

I'm all alone in this house with an almost finished radio! Quick hook up the slobberin' aron. I solder up the controls. I cut larger holes in the sub-panel for the controls themselves. I found a BNC connector that had a ground lug. I found a headphone hole. I got all the stuff in the bed room and soldered it all up. I find the cheap one-hit headphones. I find a connecting piece of RG8X with a BNC on each end. I turn on the power.

There's a hell of a RTTY station at 10130. You know that? Well, there is. And

I tuned through it twicet with TC1. Then I pushed the two wires what would normally go to a key together. Sidetone! Clean sidetone! I even heert it on the Argosy. Clean. So I tune up TC2 and the meater gets all meaty. Two or three peeks and one of 'em is only audio... no meter movement. I gotta get a 150 pf cap for ZD-whatever-number and put this puppy in a box so I can scope it at work. Unofficial tuning range: 10109-10133... with a 5.5 uH choke from Roger at Midwest Slurpless. I sense a trim pot calling me....

And while I'm peeping away with two wires betwixt my fingers, I put the radio on the antenna -- conveniently tuned to 30m for the Argosy to taste -- and notice that when I let up the key, someone sent "?".

Yeeeeehah!

Weird, too, 'cause we went over to Rishad's place today to celebrate el Eid el Fitir (the breaking of the fast at the end of Ramadan) and I forgot to bring the Yilitequ with me. I wonder if he'd think I was nuts to salute the NorCal design teem, the folks who came up with the myriad improvements and mods -- each of which I considered and some of which I installed outright -- or Jim and Doug for metamorphosing into a chicano sweat shop kit kitting team to make this neato little board possible.

There's enough left in the bottle so no one would notice. Or... I could just pop open a Corona Extra and figure that I was one of the revolucionarios en la selva, combatiendo por la fe y contra la opression de la gente por los lacayos del imperialismo... Yeah, I'll do that.

Yeeeeehah! Man, this is one heck of a neat radio project. Now I gotta convince myself not to buy another one and put it in a more industrial strength box. Although one in teak and sandalwood does have a certain "kona dunya" charm to it...

Thanks guys. This is great. Only one problem: I now have a new burned spot on my thumb where I tasted the heat skink needs of the IRF510. Some people never learn. And by the way, I'd bet that changing R104 to a higher value would cut back the output from the IRF510 some, ne? I say that 'cause this one here is hot... like all the time. I gotta check that circuit part out... right now... but first... YEEEEEEhah!

73

Nils

WB8IJN +c

..... NEXT!?!?!?!!!

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>

Subject: [11569] Re: !!! DANGER !!! QRPP (long)
Message-ID: <Pine.A41.3.95b.970210121215.30342D-100000@homer31.u.washington.edu>

Happens more often than one might think, especially during a
lengthy rag chew. This is what was sent to me just this weekend:

QRX 4 P <dit> <dit>

Stephen Lee, AB7HI

> Any pointers from the OT's (or anyone else for that matter) on
> how to handle it when you "gotta go"?
> 72
> -- Christopher Cartwright, Tech. Engineer | ccart@vidtel.com
> -- Phone 301.990.0735 N3XRV QRP-L #655 | ccart@erols.com
> -- | <http://dns.vidtel.com/~ccart>

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Harry Bump <bump@redrose.net>
Subject: [11591] Re: !!! DANGER !!! QRPP (long)
Message-ID: <32FFDEBF.4717@redrose.net>

When you gotta go....

....you gotta go!

(keep an empty 'jelly-jar' in the car)

73,

Harry, KM3D

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [11564] Re: -12 V
Message-ID: <Pine.A41.3.95b.970210114601.30342A-100000@homer31.u.washington.edu>

If that's the case try using a MAX232 chip; requires 4 capacitors
but will get you close to -12 VDC....more like -9 VDC. The MAX232
is a 5 VDC single chip solution for RS232 connections. I've
used it successfully to generate negative voltages at small values
of current.

Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

On Sun, 9 Feb 1997, Mike McShan wrote:

> >Depends on the current you need.

> >73 Dave WB0GAZ dgf@netcom.com

>

> Thanks for the quick reply. I suspect that current requirements are pretty
> low - I'm planning to build the CW audio filter described in the 96 ARRL HB
> to be an add-on for the 38S. I should have mentioned this fact.

>

> 72/3,

> Mike N5JKY

> Edmond

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Nick Franco <kf2ph@bnl.gov>

Subject: [11543] Re: 30 Meter DX

Message-ID: <32FF5B9B.54E2@bnl.gov>

Bill and group,

I noticed the band sounding pretty good on Friday evening on the way home from work here on Long Island. I was looking for Dennis - K3ETS/5 and heard somed DX. So I gave a couple of shouts and worked CM6AZ and also V47CA ? I don't have my "38 Special" built yet, but I worked them on my SWL-30 at almost 2W to the Hamstick in the car.

Can't wait to get the chance to build that 5W NC38S and try it out in the car.

nick - kf2ph/m qrp

--

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY

Sr. Systems Specialist RHIC Project Building 1005

Tel: (516) 344-5467 UPTON, NY 11973-5000

Fax: (516) 344-3674 Ham Call: KF2PH

Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: mdwatt@usit.net (Marty Watt)

Subject: [11520] Re: 38 Special THANKS
Message-ID: <32fd6ab8.49641463@pop.usit.net>

On Sat, 08 Feb 1997 22:36:42 EST, kb0rol@juno.com (Bradley L
Mugleston) wrote:

>What a great group. I put in a request for help and it jumps right out
>of the walls. Got the part number and am placing my order tonight.

Mind posting it for the rest of us?? thanks.

Waiting on my kit to arrive ...

72 es 73 de=20
Marty, KN4BH

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
ARRL VE - QRP ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid Sq EM55oq

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Arthur Moe" <kb7ww@transport.com>
Subject: [11518] Re: 40m 38 Special Project
Message-ID: <199702101251.EAA14606@butch.transport.com>

Would it not make more sence to stay high with the VX0 so you get more
pull. ie 19.xxx - 12 = 7.xxx

just an idea
art
KB7WW

> it appears that it will be fairly straight forward to modify
> it for 40m operation.
>
> Since it uses a 12 MHz IF, the standard 22.120 MHz VX0 on the receiver
> first mixer yields 22.120 -12 or 10.12 MHz.
>

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Dan Tayloe-P26412" <Dan_Tayloe-P26412@email.mot.com>
Subject: [11567] Re: 40m 38 Special Project
Message-ID: <M29363229.026.ea67t.1.970210160918Z.CC-MAIL*/OU=SATCG/OU=AZBH/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

>Would it not make more sense to stay high with the VX0 so you get
>more pull. ie $19.xxx - 12 = 7.xxx$

>just an idea
>art
>KB7WW

I wanted more range on 40m than a VX0 would give me. I don't have a 19.040 crystal anyway and a 19.0 MHz crystal would probably only cover 7.0 to 7.010 anyway, which is not where I hang out. I would like to cover the both the fox and novice segments of the band. Hence, for 40m, I would rather have a VFO than a VX0.

Right now, using a stock 38 special, it appears that you get about 30 KHz of tuning range max. I suppose you could pull the "Super VX0" trick and parallel two 22.120 MHz crystals together and extend the tuning range another 1.414 (Square root of 2) time.

After FYB0, the next step will be to outboard the crystal filter also. If I change to a 4.032 or 4.0 MHz IF (it means changing the RX/TX offset circuit also), I can add a four pole crystal filter followed by an IF amp (mc1350), followed by a second four pole crystal filter.

I use this scheme in my current 40m homebrew fox rig. For weak signal fox hunting, I really appreciate the selectivity.

Secondly, I can add audio derived AGC to drive the IF amp. This turns the receiver into a Sierra type receiver.

It is ironic to note that adding 8 matched crystals (matched to *my* satisfaction, at most 20 Hz), an IF amp, AGC, and a VFO, may cost almost as much as an entire 38 special!

Like I said, this second step will have to wait until *after* FYB0.

This is a *really nice* board to try homebrew modifications. It allows you to have an inexpensive, compact basic unit upon which simple modifications can be added to extend the functionality.

- Dan Tayloe, KK7BD, Phoenix, Az; QRPL # 696; Az ScQRPions

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Larry East <w1hue@amsat.org>
Subject: [11590] Re: Fox Early Warning
Message-ID: <2.2.16.19970210234750.1487f6d4@e1oi>

At 06:42 PM 2/10/97 +0000, you wrote:
>Did you mean Thursday ?? Thursday is the 13th and Friday
>is the 14th on my callendar
>de....W8LRM.....A1
>
Feb. 13th USofA time, Feb. 14th UTC ... geezz, you expect me to know which
day of the week it is as well?? :-)

72, L.

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [11510] Re: FS: OHR Explorer rigs
Message-ID: <32FEB6A9.40B6@dancris.com>

Both OHR Explorer rigs have been taken. Thanks for the interest.

--

72/73 de Roger N7KT Mesa, AZ Grid DM43cj
NorCal 40-9er, NC38S, NC-40A, Cascade, OHR Explorer 20, 30M, OHR400,
HW-9
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: w77kxb@juno.com (William Harris)
Subject: [11486] Re: FSFD S.C.
Message-ID: <19970209.190603.4855.2.w77kxb@juno.com>

Sorry Les:

Tried and tried but did not hear you on 10,116 or 14,060 today.
Qso'd with ca couple of 4's back there but nothing from SC.

72's
Bill...W7KXB

Mesa, Az.
090213z

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "Ed Manuel" <n5em-qrp@msn.com>
Subject: [11583] RE: FYB0
Message-ID: <UPMAIL06.199702102214150809@msn.com>

B...., b....., b.....

At least you can go portable, climb a mountain and sit in the snow :-)

Here all we can do is climb a parking garage and sit in the rain.

Ed

From: owner-qrp-1@Lehigh.EDU on behalf of ka7you@juno.com
Sent: Monday, February 10, 1997 2:43 PM
Subject: FYB0

It is too bad the organisers didn't consider the southern tier of states a little more, when designing the temp multiplier. Any temp above about 40 degrees F should have to reduce their score (mult by 0.9, 0.8 etc)... "down" into the fifties...give us a break! :>)

Here in the Seattle area, it is in the fifties, and the flowers are rejoicing, the birds are chirping, and the lawns are beginning to grow again-ugh.

It is time to get out the shorts. That usually brings along another short stretch of winter. (Gotta get that temp down!) It seems much more reliable than looking for an elusive shadow reportedly cast by some nocturnal herbivore rodent, who would just as soon remain hibernating.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [11549] Re: FYB0: Thermometers

Message-ID: <Pine.SOL.3.91.970210130209.2620C-100000@hyper>

On Mon, 10 Feb 1997, Joe Gervais wrote:

> OK, you can't FYBO properly without a thermometer sitting
> next to your keyer. Everybody have one? If not, I just
> noticed that Radio Shack has their large-display LCD digital
> thermometers on sale for \$9.99. Not too bad.
>

Hey, I might have a shot at a temp mult down here in Miami, it's supposed to drop into the 50's tonight. How about wind chill factor? It gets pretty breezy 500 feet up a tower...
Looking forward to this FYBO in just under two weeks...

Bob Patten, N4BP
Plantation, FL
n4bp@shadow.net

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11555] Re: FYBO: Thermometers
Message-ID: <199702101852.SAA14496@chuck.dallas.sgi.com>

Joe et.al.,

OK, here is a question.

If I go to the field, and at this time of the year it could be 85 or it could be 20 degrees, and if it is cold and I carry the 20Ahr Gates six-pack weighing about 27 pounds and if I get some socks and mittens for outdoorsy stuff do I get a penalty for keeping warm? I thought not.

Going to the park and try out the new W6MMA vertical all-bander. Pictures and report after the event.

gl to all, you're gonna need it.

SIG

Chuck Adams K5FO/6 adams@sgi.com DXCC=4
http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Joe Gervais <vole@primenet.com>
Subject: [11566] Re: FYB0: Thermometers
Message-ID: <199702102014.NAA29072@usr02.primenet.com>

Chuck (K5F0) wrote:

>

> If I go to the field, and at this time of the year
> it could be 85 or it could be 20 degrees, and if it is
> cold and I carry the 20Ahr Gates six-pack weighing
> about 27 pounds and if I get some socks and mittens
> for outdoorsy stuff do I get a penalty for keeping
> warm? I thought not.

But we at least expect your breath to fog up before you
can use a temp multiplier. :-)

BTW, has anyone actually *tried* using a keyer with warm
gloves/mittens yet? This could get interesting....

Cheers de AB7TT (ex-KC7NEV),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [11492] Re: Got it! (38S 2KHZ tuning range solved)
Message-ID: <199702100240.TAA06103@zia.aoc.nrao.edu>

>Any time in the future when I have another attack of stupidity ...

Jim,

None of us got "smart" by making "smart" mistakes. You had problems
with a narrow tuning range. You played around with virtually every
scheme known to man from inductors to caps, varicaps, parallel diodes,
winding toroids, etc. trying to get it to work. Is there any doubt
in your mind *NOW* what effect the inductors and capacitors in a VXCO
circuit does now? You learned FAR more than you're giving yourself
credit. Frankly, some of your efforts were short of heroic. I think
I would have given up on the thing before you did! Great job. And
sharing your success (and failures) was good Elmering to others.

I finished my Rainbow Tuner this weekend. Wouldn't work for beans.
Had it wired for the internal 9v battery, and the 9v just went to zero
right at the board. Gads, I messed up ... I've got a dead short across
Vcc somewhere. After 5-10 minutes with the scope and DVM, found the

problem was a defective 9v battery clip! The red wire just wasn't connected inside the battery connector. A new 9v battery clip, and the LED's lit up like a Christmas Tree.

Like the old adage "When all else fails, did you check the fuse?"

72, Paul NA5N

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [11494] Re: Got it! (38S 2KHZ tuning range solved)
Message-ID: <Pine.SUN.3.90.970209190331.23353H-1000000@vortex.sage.dri.edu>

Hi Jim,

Congratulations on fixing it and on learning along the way!

In watching all the help here on the list, something started to gell.....

This list is even better than a good elmer coming over to "show" you how to fix something. Why?

Well, here you get some ideas to try, but YOU have to get in there and DO IT YOURSELF. You don't wind up sitting there watching someone else do it!

There is no better teacher than doing it yourself.

Thanks to all the help available here, people are really learning!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: James Parsons <k5rov1@worldnet.att.net>
Subject: [11554] Re: HW-8/Tick-1
Message-ID: <1.5.4.32.19970210185033.0067d82c@204.127.3.1>

At 06:22 PM 2/10/97 +0000, you wrote:

>Jim-

>

>Where did you introduce the Tick-1 into the circuit?? Is it between the
>key/paddle input and the board or somewhere else? I have a HW-8 and this
>might be a good addition.

>

>Tnx & 72/73,

>

>Steve, N4EUK

>

>

Steve, I put a small 1/8 inch three conductor jack right above the existing key jack. That small jack goes to the paddle. The output of the keyer goes directly to the existing key jack. That way, I can leave a hand key in the big jack, and have the paddle plugged into the small jack. The collector of the 2N2222 goes to the hot lead of the big jack, and the emitter of the 2N2222, which goes to ground anyway, connects to the ground terminal of the big jack. Its a very simple arrangement.

73 de Jim, K5ROV

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: gsurrency@juno.com

Subject: [11501] Re: ID for scrounged doodad, eh?

Message-ID: <19970209.205145.9046.0.gsurrency@juno.com>

Nils, the trademark you described sounds like Hitachi. Maybe you could contact them for more info.

72,

Gary Surrency

AB7MY

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Leon Heller <leon@lfheller.demon.co.uk>

Subject: [11572] Re: ID for scrounged doodad, eh?

Message-ID: <750f7CAwr2\$yEwMM@lfheller.demon.co.uk>

In message <970209154405_205678721@emout06.mail.aol.com>,

NilsBull@aol.com writes

>I was trashing through the clutter on top of the bench this morning -- having

>spent the night not thinking about how I was gonna build the box for the
>NC38S once it's finished up good -- and came across an LCD display module
>from a piece of medical equipment what got trashed out. I don't even know if
>it'll work. If it does, it'd be nice to know what the heck kinda work it'd
>do. So...

>

>Description: double-sided board, about 1.375x3.125" (HW) with a 14 pin header
>at the top. Two wires solder onto one side of the board just left of the
>display module. There is an "up" arrow on the right side of the board with
>the display facing the observer. The numbers & letters (in foil metal) on the
>back are "DMC 16117/OPTREX JAPAN." The numbers "8652R1" are stamped in black
>ink on the board. A rectangular, 76-pin chip (22 pins on two sides; 16 pins
>on the other two sides) on one half of the back of the board is marked "[TM]
>5L3/HD44780A00." I am not familiar with the trademark (shown here as [TM]),
>but it's two concentric rings around a solid dot with four compass points on
>the outside ring. "MR" is marked in the upper right hand corner of the chip.
>The display module is about 1x2.75", including the black metal piece that
>holds the glass to the board. No contact points are visible on the LCD module
>under the metal piece.

>

>Anybody got any good ideas what this doodad might be? Should I consider
>myself lucky? Should I call the Pope? Should I sign a confession? Should I
>denounce the badgers as Trotskyite wreckers of the reactionary stripe? Should
>I take a nap? Should I go out and get Cindy some noodles so she can make a
>covered dish something or other for the volunteers party tonight? What about
>the ducks? Should I give them their socks back? Why won't they let me off
>this table? I didn't do anything wrong... yet.

It looks like a standard LCD alphanumeric display, either 2 X 40 or 1 X
40 characters. They are quite easy to interface to controllers like
PICs, as they can be configured to use a 4-bit I/F, which saves some I/O
pins. I have a C program to test these displays using the PC printer
port, with connection details, which I downloaded from somewhere, if you
want it. They are quite useful, and as they all use a Hitachi controller
chip (the HD... you mention) they are fairly standard in terms of their
hardware and software interface. I'm playing with a similar Hitachi
LM016L which I'm interfacing to a PIC16C84.

73, Leon

--

Leon Heller, G1HSM

leon@lfheller.demon.co.uk

Tel: +44 (0) 118 947 1424 (home)

+44 (0) 1344 385556 (work)

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Scott Cranston <cranston@zk3.dec.com>
Subject: [11561] Re: Internet charges
Message-ID: <9702101929.AA07488@alpha.zk3.dec.com>

See: <http://www.fcc.gov/isp.html>

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: drowe@juno.com (david o rowe)
Subject: [11556] Re: Local Telephone Charges
Message-ID: <19970210.135343.13486.0.drowe@juno.com>

On Mon, 10 Feb 1997 12:59:55 EST ac4gt@juno.com (Nathan C Tart) writes:

>Fm Telecommunications Consumer
>To Federal Communications Commission
>Subj: Local Telephone Charges
>
> I am already paying nearly \$30.00 per month
>for my local access to the telephone lines.
>It is my understanding that the local telephone services
>are trying to get a ruling to the fact that they can charge
>for the time that the local telephone service line is
>in use. I can understand the fact that with the internet
>users that the time is being abused, however:
>1. I can not see where my telephone service has been
>degraded because on the internet users.
>2. I do not abuse the internet and I do not abuse the
>phone lines.
>3. I pay Southern Bell for my phone line everymonth plus
>various taxes including one inposed by the FCC.
>4. I do not feel that the American public should be dictated
>to and forced to pay double for the use of the telephone
>of the internet....(many on=line users have a seperate
>line installed fsor that purpose and pay the same rate
>and taxes as on the primary line.
>5.If the phone companys are allowed to charge by the
>time used then we should not have to pay the monthly
>fee or the long distance charges. (It will amount to
>double and triple payments for the same service)
>6. This is merely an attempt by the telecommunications
>industry to get themselves out of an adverse situation
>that they got themselves in. The majority should not
>have to pay for the hobby of a few... let them find
>another way to correct their mistakes. (No one ever
>told the services to offer unlimited service where

>one could stay on-line 24 hours a day.
>7. Last but not least if this is allowed transpire it is just
>another example of the large service providers dictating
>to the government and a minority of the people ruling
>the majority. We are all taxpayers.. as Ham Radio Operators
>we are already victims of rampart deliberate interference
>on the airwaves and constant attempts of the government
>to sell all the frequencies and no enforcement to speak
>of by the Federal Communications Commission.
> Any consideration that can be given in this matter
>will be greatly appreciated.
>
> Respectfully;
>
> Nathan C. Tart AC4GT
>
> Dir Southeastern
>
> Radiosport Assn.
>Member :
>American Radio Relay League
>Dept of Defense Police League
>Inspector Retired
RIGHT ON: HOPE YOU SENT A COPY OF THIS TO THE FCC E-MAIL ADDRESS AT
isp@fcc.gov.
have a great day.
KC1DI,

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Dave Fifield <fifield@pacbell.net>
Subject: [11504] Re: N38S - Frequency Coverage Modifications
Message-ID: <32FEA026.673B@pacbell.net>

Charlie Lofgren wrote:
(snip)

> After I noticed the problem, I replaced the linear-taper tuning pot
> with one with an audio taper. The result is that the bottom of
> the range is better spread out, although still not quite linear.
> (In fact, the top is now a little squashed, but that's up where the
> RTTY sigs tend to reside.)

I thought of trying that too Charlie, but 2 things stopped me:

- a) I don't have a 100 KOhm Audio taper pot, and
- b) Audio taper pots are not really logarithmic at all, they are made
from two separate linear regions that approximate (badly) to a

log curve.... unless you are using a "laboratory quality" component from a high-end hi-fi system of course!

I think my mod (B) would give you a better approximation to the linearize the tuning diode's characteristics, but I'm willing to be proved wrong!!!

>From your numbers though, it looks fairly reasonable, and shouldn't be irksome to use in practice.

cu on 30m, Dave Fifield, KQ6FR

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Steve Miller <kg7pv@teleport.com>
Subject: [11532] Re: N38S - Frequency Coverage Modifications
Message-ID: <1.5.4.32.19970210150607.00680210@mail.teleport.com>

I tried both mods and Charlies idea of an audio taper pot. The tests resulted in finding that my 10 turn pot was bad (boo) and that mod B (6.8 choke with a 12K resister) worked the best. The audio taper 100K pot I got at RS actually worked better than the original setup but still had a spot at the low end that went from 99.2 to 107 in just a fraction of a turn. Adding the resister (mod B) made the whole thing worse with the audio taper pot. So back to mod B.

Another comment, I tried the idea (from Ori I think) of a pot at R24. I used a 25 ohm pot in series with a 10 ohm resister to give me a 10 - 35 range. Sort of a poor mans noise reduction control that works nicely with the rf gain pot. I will try to find a 50 or 100 ohm pot since I would like some more reduction esp when the sigs are strong. Ori suggested a 500 ohm pot but I think that would reduct the audio too much. 73

Steve Miller KG7PV Portland, OR
(CN-85) Norcal #308 QRP-L #109 ARCI # 9230

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Charlie Lofgren <clofgren@BENSON.MCKENNA.EDU>
Subject: [11547] Re: N38S - Frequency Coverage Modifications
Message-ID: <Pine.PMDF.3.91.970210090608.110230A-100000@BENSON.MCKENNA.EDU>

On Mon, 10 Feb 1997, Steve Miller wrote:

> I tried both mods and Charlies idea of an audio taper pot. The tests
> resulted in finding that my 10 turn pot was bad (boo) and that mod B (6.8
> choke with a 12K resister) worked the best. The audio taper 100K pot I got
> at RS actually worked better than the original setup but still had a spot at
> the low end that went from 99.2 to 107 in just a fraction of a turn. Adding
> the resister (mod B) made the whole thing worse with the audio taper pot.
> So back to mod B.
>

Steve's right. When I reported that I went from 10.101 to 10.108 with 1/4
of the audio-taper pot's rotation, I hadn't checked the linearity within
that range (since my main interest was a better spread around 10.116).

On checking with the RS audio taper 100K pot I'm using, I find practically
no change in frequency (from 10.101 MHz) over the first ~30 - 40 degrees
of rotation. Then I get a quick change from 10.101 to about 10.106.
After that the spread seems acceptable, except that the last 2-3 kc below
the top (10.131) are spread over the final ~15-20 degrees of rotation.

In other words, Dave, KQ6FR, was right on target in saying that the taper
of the "audio taper" pot isn't smoothly logarithmic.

If your interest is simply a better spread around the qrp calling
frequency, the audio-taper mod seems worthwhile. If you want a better
spread across the full range, try Dave's solutions.

Charlie, W6JJZ
clofgren@benson.mckenna.edu

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "KF4MZD (John Kemker)" <kemkerj@xyzy.net>
Subject: [11496] Re: ne602 source
Message-ID: <199702100433.XAA09158@www.xyzy.net>

On 8 Feb 97 at 8:23, QLF@mimi@magic.itg.ti.com wrote:

>
> I know a gentleman here in Dallas whose last name is Arnold who owns
> a shopping center named Arnold Square. He has in the past received
> business mail addressed to Dear Mr. Square. Aaarrrrghhh!

>
> -***** ORIGINAL MSG RECEIVED ON 02/07/97 AT 18:01 FOLLOWS
> *****-
>
> > I now receive sales calls about once a week asking for "Mr.
> > Small" or "Mr.
> > Wonder". I asked Dick Witzke at Oak Hills Research about this,
> > and indeed he receives the occasional call for "Mr. Hills". I've
> > got to assume that the other QRP suppliers have had similiar
> > experiences as well. As the saying goes, "to err is human; to
> > really mess up requires a computer"- it's a new world out there!
>
> > Dave Benson, NN1G

I know a gentleman named Mike that owns a company that used to be
named Microbrick. He would get calls and letters for "Mr. Brick" all
the time. The company merged with some other companies in the same
industry and the result was named MRED. Now he gets calls for:

...Mr. Ed.

--John K.

=====
73 de KF4MZD (John Kemker)
kemkerj@xyzzzy.net
Grid Square: EM73vt
QRP-L Number: 974

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [11497] Re: ne602 source
Message-ID: <199702100342.UAA19839@dancris.com>

At 10:34 PM 2/9/97 +0000, you wrote:
>On 8 Feb 97 at 8:23, QLF%mimi@magic.itg.ti.com wrote:

As you can see by my return address, I get my service through dancris, or
DanCris Telecom, named for the owner's two daughters, Danielle and Cristina.
I am always getting calls at the office for Dan or Cris or Mr. Cris. My
reply is always that he (they) are in New York, but I'll take a message.
Which is not a falsehood, as that is where the two girls live.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: drowe@juno.com (david o rowe)
Subject: [11514] Re: Need Good 30 Meter Antenna
Message-ID: <19970210.064150.10454.1.drowe@juno.com>

BRIAN wrote:

On Sun, 9 Feb 1997 21:52:35 -0700 n5zgt@swcp.com (Brian Mileschosky)
writes:

>Hello Everybody,
> Well, my new 38 Special (#665) should be on the air soon! I have to
>get
>some diodes from NorCal.
> What is a good, effective, but simple 30 meter antenna? I'm going to
>take
>the 38S backpacking, so a dipole will have to do. But what can I put
>up
>around the house? I have a G5RV, but I'd hate to use it with a tuner.
>
>Afterall, I might need that lost power to get my 38 Special #1 DXCC
>award,
>HI! Thanks.
>72,
>Brian, N5ZGT
>
>

> Boy Scouts of America Amateur Radio - N5ZGT
> Eagle Scout (12-6-96) ARRL QRP: NorCal# 1700 QRP-L#
>580
> JASM - Troop 41 Author of Worldradio's "Youth Forum"
>Column
> Albuquerque, N.M. Packet: N5ZGT @
>KC5IZT.ALBQ.NM.USA.NOAM
> O.A. Lodge 66 <-W-W-W-<< Internet: n5zgt@swcp.com
>
>
>-----

>
>
>
>
>

the g5rv is a good all round antenna have one here but it is a lousy

performer on 30 meters.. though you can get it to tune through a tuner..
the results are poor. and can only be improved by optimizing the antenna
for 30meters.

I've worked alot of station on 30m most runing verticals with good
ground radial systems. I work dxcc with a home brew ground mounted
vertical.. and 100 radials

But also work alot of fellas and dx using dipoles and slopers. right now
am using a 500 foot loop through a tuner works great on 30. Also an 80m
dipole will play on 30
i've had some sucess with a full wave off center fed dipole , if fed at
1/4 wave from the end it present a good match for 75 ohm line.

anyway my order of preference for this band would be
vertical,
dipole,
loop of some sort.
good luck and look for your 38s on 30m

dave , kc1di

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [11548] Re: Power Distribution Unit - warning in instructions
Message-ID: <3.0.1.32.19970210051809.006896a0@tcos102>

Greetings,

And thanks to all for your input on the MFJ power distribution
unit. Consensus was: Hook it up and use it for QRP rigs. The HF
rig warning is for the QRO rigs. Also got a couple of
recommendations from folks who say, "add rf noise filtering to
the unit - wherever you can !!!".

thanks all,

john

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: dwink@juno.com (Daniel C Winkler)
Subject: [11481] Re: prevent polarity problems

Message-ID: <19970209.170238.4951.1.DWink@juno.com>

On Sun, 09 Feb 1997 04:05:40 -0700 AE0Q / V31RY <v31ry@ix.netcom.com> writes:

> Bob, there is already a standard . . .
> use 2-pin Molex connectors
>
> I can't find the Radio Shack part number right now, but they are
> sold as
> pairs in 'blister-packs', the pins are .093" in diameter (NOT the
> smaller
> .062" size), and the pins are rated for 12A DC current.

Radio Shack Cat. No. 274-222
"2-conductor male/female
Molded Nylon Connector Pair
with 0.093" crimp terminals"

On the back RS states they are (only) good for 8 amps.

The recent Handbooks have this info.

Both DigiKey and Mouser carry these parts...

DigiKey:

plain plug WM1324-ND \$3.61/10
plain receptacle WM1331-ND \$3.61/10
male 0.093" WM1100-ND \$11.00/100
female 0.093" WM1101-ND \$11.00/100

Mouser

w/ ears plug 571-7700681 \$.35 each, 10 @ \$.23
w/ears recept 571-7700661 \$.30 each, 10 @ \$.19
male pins 0.093" 571-7701451 \$.15 each, 100 @ \$.06
f. socket 0.093" 571-7701441 same as male

You can get them with or without the mounting ears, with or without locking detents.

AMP (not Molex/ waldom) makes the ones that Mouser sells, but its the same thing. I got a bunch a few years ago. But look at the prices again- the Radio Shack parts are only half-again more expensive than the Mouser parts are in quantities of 10. I'd stick with the RS parts unless your club is going to make a group purchase. BTW, DigiKey and Mouser both say these things are good for 12 amps.

Radio Shack also sells a pin remover tool for 7 or 8 bucks. I'm glad I got one. You might be able to fake it by rolling a piece of tin can tightly around a nail... but I doubt it. Mouser's "contact extraction tool"

is \$42.70!!

73, ; D DWink@Juno.com Dan Winkler N7IVR Seattle, WA

-----whom the gods would destroy, they first make proud -----

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Stephen Trier <sct@po.cwru.edu>
Subject: [11529] Re: prevent polarity problems
Message-ID: <1.5.4.32.19970210144041.00906204@pop.cwru.edu>

A few people on the list have standardized their power supplies and rigs with Molex connectors or something similar. (Digi-Key carries Molex connectors as well as gobs of other polarized connectors.) The traditional round power plug is also polarized. The only problem is that sometimes the middle is positive and sometimes it's negative. Did I remember to connect the loose wires at the other end to the battery the right way around? :-)

I'm paranoid enough to check my power plugs with a voltmeter before plugging in my rigs. In the long run, I want to fight the problem by color-coding everything. Red will mean positive, and black will mean ground, PERIOD. Then I won't need to drag out the voltmeter quite as often. :-)

Stephen

--

Stephen Trier (KG8IH)
sct@po.cwru.edu
Cleveland Heights, Ohio USA

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: ldeering@idt.net (Larry Deering)
Subject: [11570] Re: prevent polarity problems
Message-ID: <199702102026.PAA28714@u1.farm.idt.net>

Although a full wave bridge looks like a good idea, I'd rather use one rectifier internal to the rig in series with the + lead for protection. The reason is that a bridge will leave ~.7 V on the chassis of the rig. This may not give problems but the ground current not will flow through the - power lead, but loop through another item connected to ground, like the keyer, antenna tuner, etc. If no external connections are possible, then

this point is moot.

A number of mobile rigs that can't afford a series diode drop use a reversed bias rectifier (cathode to +, anode to -) across the supply. This uses no power, but protects by opening the supply fuse if power is reversed. What, you don't have a fuse? Not to worry, the insulation will melt off and when the wire shorts to the cars chassis, then the wire is the fuse!

72/73,
Larry, W2GL

>
>Date: Sun, 9 Feb 1997 19:35:49 +0000
>From: Bob Roach <KE4QOK@worldnet.att.net>
>To: qrp-1@lehigh.edu
>Cc: Wa2eaw@aol.com
>Subject: [11462] Re: prevent polarity problems
>Message-ID: <19970209193546.AAA12680@LOCALNAME>
>Mime-Version: 1.0
>Content-Type: text/plain; charset="us-ascii"
>

>Hi guys,

>
>The solution is far simpler than this, or some schemes I recently saw that
>blow the fuse when the polarity is reversed. All you have to do is place a
>full wave bridge at the power input then you can hook the power lead either
>way and the equipment works properly. This is very cheap (and simple)
>insurance and I have always wondered why manufacturers and especially
>homebrewers do not make this standard equipment. It is cheap and the 1.4V
>drop is, in most cases, not a big factor.

>
> (o o)

>_____o00_()_00o_____

>73 es TNX

>KE4QOK Real radios glow in the dark.

>Bob Power is no substitute for skill.

> If it stayed up last winter, it was too small.

>136 Hermitage Rd.

>Newport News, Va. 23606 KE4QOK@worldnet.att.net

>(757)930-0348

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [11477] Re: QRP Lecture material
Message-ID: <855531553.64205.0@gqrpclub.demon.co.uk>

Well, having done a few of these I would suggest

- 1 Have a few small rigs to show them. Certainly a simple one - 49er?
- 2 Have a tape recording of QRP QSOs, especially if you happen to have some goodies on tape - the bands will surely be NBG when you do your talk.
- 3 Perhaps a few books on show.
- 4 Definitely have Sprat, QRPP etc on show.
- 5 Maybe your log book or list of countries worked.

Just a few thoughts!

Good luck and don't talk for too long!

---72/3---Frank G3YCC G QRP 042

QTHR (Kirk Ella, East Yorkshire)

QRP Web sites: <http://www.gqrpclub.demon.co.uk>

<http://www.geocities.com/CapeCanaveral/5179>

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: ka7you@juno.com
Subject: [11557] Re: Radio Shack Probe-Scope
Message-ID: <19970210.110934.6399.0.KA7YOU@juno.com>

Jim,

I also bought one of the ProbeScopes. It works very well with a computer screen, but mine was a store demo model, and I can't get the DVM feature to work. I will return it and wait for a replacement.

One feature that I think is bad, is the 'Ground' position on the AC/DC input switch. Twice I inadvertantly switched the wrong way, and grounded the probe tip. The 'ground' position actually connects the tip to ground, and if you then touch a live terminal, you have just shorted out your circuit. I may have done this and destroyed the DVM function, before I even had a chance to get through the instruction manual. I'm glad I bought the extended service plan.

It definitely takes a little while to get used to the menu system, and the curser controls, but the display is very sharp on my 486 color notebook. The Time/Freq feature is pretty neat. You move two vertical cursers with the mouse, to enclose one complete cycle of the waveform, and then it will compute the time period or freq for you, and display it numerically. Although the .062Khz display looks kinda wierd, it is close enough to 60 Hz for my needs, when trying to practice with the cursers on an AC line current signal.

It was also able to display a CMOS clock chip signal even on the

built in display.

I'm still learning and playing with mine, but it will never take the place of the big scope. I was surprised to see that it is made in Germany, instead of Japan or Taiwan.

7 3,

Rod Johnson KA7YOU CN97AK near Issaquah, Wa. 160M thru 1296 MHz
NWQRP#120 ARCI#7251
QRP-L#844

On Sun, 9 Feb 1997 17:58:56 -0500 (EST) AD4KB@aol.com writes:

>I bit on the Probe-Scope from Radio Shack (\$79 on sale) and it does
>work. My
>computer in the hamshack will not run the software yet (it is an old
>xt with
>hercules monitor), but even the tiny screen can be useful. As I am
>new to
>scopes, I really can't talk intelligently about it, other than to say
>it was
>a big help in tuning the 38S for a clean output. Seems like a cheap
>way to
>get some of the benefits of a scope.

>

Jim

> (AD4KB@aol.com)

>

>

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: torell@sicom.com (Kent Torell)

Subject: [11553] Re: Repair Contest Entrants

Message-ID: <v02130502af2512fe9aad@[192.91.202.41]>

>Last week Doug posted that he had a RadioKit xcvr that was
>not working

> ... This is the result of that drawing:

>

- >1. KA5T Larry Wise, Georgetown, TX
- >2. K1MG Mike Gipe, Saratoga, CA
- >3. W6TOY Bruce Muscolino, Silver Spring, MD
- >4. WJ2V Preson Douglas, Lawrence, NY
- >5. WB6TNL Steve Smith, Oxnard, CA
- >6. KU7Y Ron Stark, New Washoe City, NV
- >7. NC90 Ralph Davis III, Berwyn, IL
- >8. KQ6FR Dave Fifield, San Jose, CA
- >9. K6AEC Bob Parks, Las Vegas, NV
- >10. AB70A Kent Torell, Phoenix, AZ

I'm the cleanup batter....with this cast of list luminaries, I'll never get to see the 'rumored radiokit'! Hey Doug, be sure someone doesn't substitute a Wilderness Kit if the radiokit is unrepairable! :-)

Film at 11 ...April 11, that is!

Kent Torell torell@sicom.com 602-483-2867 x230
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A qrp-1 57 ARCI 9075 DM33xn 33.55 N 111.078 W

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [11558] Re: Repair Contest Entrants
Message-ID: <19970210.141120.8047.0.KD1JV@juno.com>

Dang, I lost another drawing :-((No wonder I don't buy lotto tickets, I never win!

But if the first couple of guys on the lucky list don't get that rig going, I doubt anyone can!

Good luck and have fun.

But that means I have more time to get my minature 9850 DDS driven, all band QRP rig finished in time to take it to Dayton:-) (You just got to love SMT parts..)

de KD1JV Steve in NH

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [11559] Re: Repair Contest Entrants
Message-ID: <19970210.131530.12799.3.tahrens1@juno.com>

This is the result of that drawing:

>

- >1. KA5T Larry Wise, Georgetown, TX
- >2. K1MG Mike Gipe, Saratoga, CA
- >3. W6TOY Bruce Muscolino, Silver Spring, MD
- >4. WJ2V Preson Douglas, Lawrence, NY

>5. WB6TNL Steve Smith, Oxnard, CA
>6. KU7Y Ron Stark, New Washoe City, NV
>7. NC90 Ralph Davis III, Berwyn, IL
>8. KQ6FR Dave Fifield, San Jose, CA
>9. K6AEC Bob Parks, Las Vegas, NV
>10. AB70A Kent Torell, Phoenix, AZ
>
>So, Larry got first pick.

OK Larry - It's on your shoulders.. we gotta stick together on this.. There is only one of us, and 3 of 'them'. Lemme know when it comes in, and I'll roll on up to Georgetown for some 'coffee'. ;-}

Good luck! Don't worry about pressure, or state pride, or anything like that... hehe

Tim W5FN

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [11530] Re: TenTec 1340
Message-ID: <199702101443.0AA13768@chuck.dallas.sgi.com>

Jeremy,

To find the difficulty on transmit or at least narrow it down and since you do have a scope please do the following.

Use the one page schematic (which I missed on the first pass since it was on the back of the large foldout that shows the board layouts for phases 1 through 7) and follow along to see what we are doing here. Oh, and because I had not seen the schematic (which is too fine a print anyway) I redid the schematic on 8.5 x 11 last week while I was in sunny CA. :-)

OK, now very carefully using a fine tip scope probe and keying the transmitter for just a second or two look at the following points:

1. Pin 7 of U4. Should have a sine wave at 11MHz.
2. Pin 4 of U4. Mixer output and this will probably look ugly.
3. Lead of R40 next to Q10. This should be cleaner version of

what you saw in step 2.

4. Try pin 1 of U4 and lead of L16 closest to C84 and C36.
This should be a clean sine wave from the VF0.
5. Both sides of R42.

You did not say if the receiver was working or not. Let us know and I'll give you some points to check there.

dit dit es gl

cc: qrp-l

SIG

Chuck Adams K5F0/6 adams@sgi.com DXCC=4

http://reality.sgi.com/employees/adams_dallas/

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>

Subject: [11592] Re: USA Buro

Message-ID: <19970209043650.AAA9604@LOCALNAME>

At 02:52 AM 2/9/97 +0000, you wrote:

>Am I correct in assuming that from things I've read here there is now a
>USA QSL Buro? If so I would like any info available on this (is there
>a web site on it?).

Scott, there is indeed a USA QSL bureau alive and well in Brewer, ME, and
it's an amazingly good deal. Look them up at <

<http://members.aol.com/usburo/index.htm> > It's run by Bill, AA1MF. 72, =S=

.

"Seab" Lyon - AA1MY

Bethel, CT; FN-31-HJ

ARCI#9253; QRP-L #574

NEQRP#511; ARRL; QCWA

From owner-qrp-l@Lehigh.EDU Mon Feb 10 18:25:58 1997

From: k5zty@juno.com (WILLIAM A STIETENROTH)

Subject: [11499] Re: www 1K

Message-ID: <19970210.034749.5175.0.k5zty@juno.com>

Marshall,

I can't imagine sitting in front of a monitor looking at images on the screen is as much fun as QRP To The Field, or field day, or club meetings, or building radios, or transmitter hunting, or contesting, or DXing, or balloon launching a ATV rig, or an antenna party, or providing communications for a cross country race, or the Dayton Hamvention, or any of the other ham activities that I get into. No way Internet will replace radio for REAL Hams.

In fact I'm looking forward to the day that all of the psudo-hams are gone and I have more band room

72,
Bill, K5ZTY

WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: Randy Hargenrader <randyh@harksystems.com>
Subject: [11506] Re: Yeeeehah! Re-ducks & Splittist Blather
Message-ID: <32FEA2E7.7D15@harksystems.com>

Gang,
Nils burning his finger on the FET reminds me of all of the "tattoo's" I've received over the years from one HOT part or another. Like the CMOS gate chip that decided to "crowbar" at power up.
...Lets see.... I smell something heating up...
...CMOS isn't supposed to run that way...
...wonder which chip it is...
...YAAAHHHH!!!!... (I found it!)
Then for the next week I had "CD4049" (or whatever) neatly lettered inside a perfect rectangle on the fat part of my thumb.

--

73, Randy WJ4P
QRP-L #296 ARCI #9152 1996 40-9er High Scorer

From owner-qrp-1@Lehigh.EDU Mon Feb 10 18:25:58 1997
From: NilsBull@aol.com
Subject: [11483] Re: Yeeeehah! Re-ducks & Splittist Blather Part II
Message-ID: <970209201533_1213754031@emout06.mail.aol.com>

Ok, I took out the IRF510 'cause it was getting hot all the time. I took out

the coil (RFC) associated with that circuit, including the output blocking cap and reconnected the cut in the foil trace to the output circuit from the output IC.

Now it's no sidetone city. That and what I guess is no output, since I can't hear the signal on the Argosy any more. At the same time, the 7809 is getting hot all the time too. Seems like I was better off with the mods installed than with trying to take 'em out. So tomorrow, it's a new 78HC*** chip, a new IRF510, a check over the circuits and back to the beginning.

Funny thing: it still hears just fine. So that much works ok.

Now the questions: What are the two holes up by IRF510 that say "pwr"? Am I supposed to jumper 12 volts to that? Don't seem necessary, as I trace out the foils with my eyeballs (none too good though they may be).

Weird how this happens, ne?

Maybe I should have bought two. One to blow up and learn from and another one to get running first off. Wanna bet that my luck would be just opposite? I get this one working and the next one would burst into flames on the bench without even having the power hooked up, ne?

73

Nils

WB8IJN +c